THE AMERICAN HOME

July 35¢



Let's make COOK-OUTS fun again!

Want a cabin for hideaway vacations?

How to use the newest color: Magic Purple

Going to Colorado? See page 11

The home you've been waiting for (Plans to order)

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WOMEN'S COLLEGE
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GOLDEN VALUE LINE
. . . of the 60's

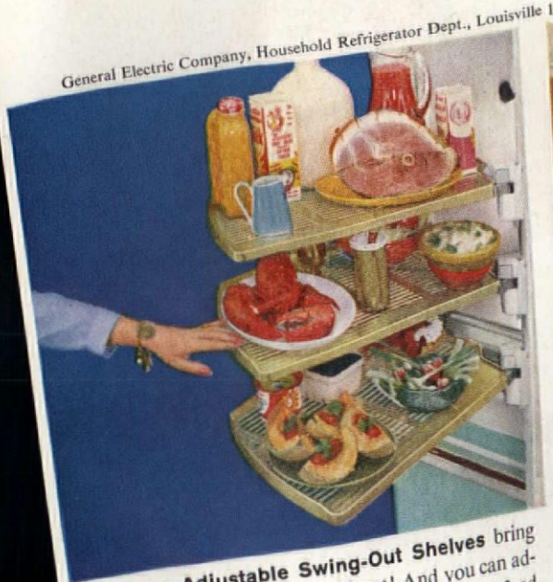
NO MORE FROST—NO MORE DEFROSTING!

You never defrost either the refrigerator or Roll-Out Freezer! Frost never forms in this General Electric 15-cubic-foot Refrigerator-Freezer! Adjustable Swing-Out Shelves, too!

Progress Is Our Most Important Product

GENERAL ELECTRIC

General Electric Company, Household Refrigerator Dept., Louisville 1, Ky.



Three Adjustable Swing-Out Shelves bring even the food in back out front! And you can adjust shelves up or down even when loaded with food to fit in a large ham or pie. Cleaning the refrig- The shelves lift out completely.



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Straight-Line Design and Big Roll-Out Freezer. 1. Fits flush with walls—no coils in back to accumulate dirt. 2. No waste space at side for door clearance. 3. Front lines up with base cabinets. 4. Roll-Out Freezer holds up to four huge supermarket bags of food!



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AND PERENNIALS

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JACKSON & PERKINS CO.

World's Largest Rose Growers, Newark, NEW YORK

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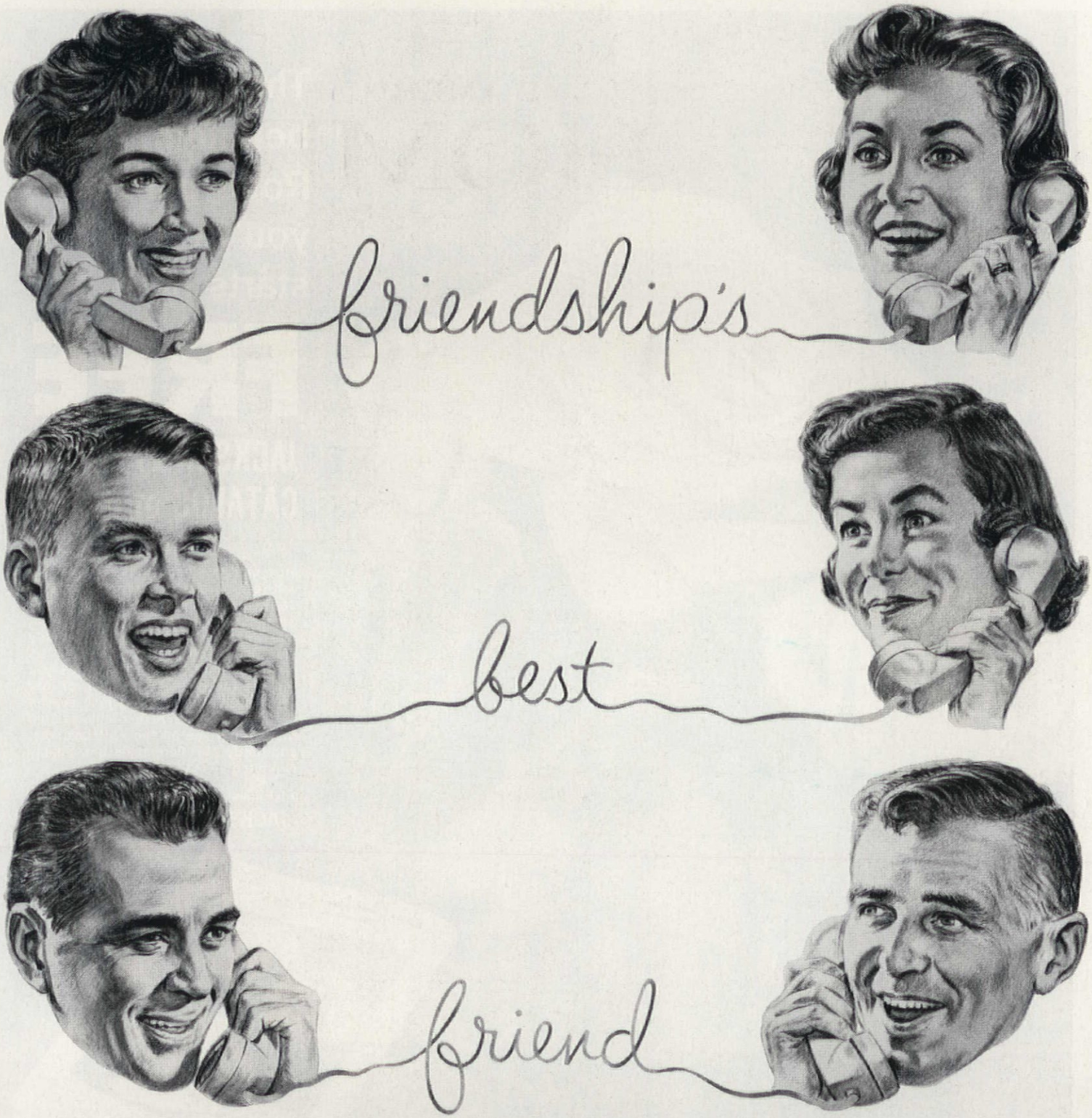
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NAME..... (please print)

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A Curtis Publication

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OUR COVER: Where can you have more fun than in your own back yard? Now that the cook-out season is in full swing, we devote a special section in this month's issue to show you how to make the outdoor barbecue more fun than ever. Photo by Irwin Horowitz.

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9. Also: Let It Rain, Stairway to the Sea, Flame of Love, etc.



6. A new recording of these 2 ever-popular Gershwin scores



5. Also: Tony Bennett—Smile; Vic Damone—Gigi; etc.



7. Walter displays "depth of understanding"—N.Y. Trib.



1. Skip to My Lou, On Top of Old Smoky, Oh Susanna, 12 more
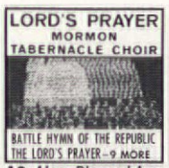


17. 12 great Gershwin hits: Man I Love, But Not For Me, etc.

REGULAR HIGH-FIDELITY OR STEREO RECORDS

FROM THE WORLD'S LARGEST RECORD CLUB



2. "Best musical I've seen in years" — N. Y. Herald-Tribune



18. Also: Blessed Are They That Mourn, Come Ye Saints, etc.



20. Bess, You Is My Woman Now; It Ain't Necessarily So; etc.



12. Over the Rainbow, Night and Day, Easy to Love, 9 more



41. Superbly played by one of Europe's finest orchestras



27. My Funny Valentine, Smoke Gets In Your Eyes, 10 more



25. Tales from the Vienna Woods, Blue Danube, 8 others



15. Estrellita, El Rancho Grande, La Paloma, 11 others



8. 16 classical and popular selections — in STEREO only



24. Berman's latest record—even funnier than the first!

SPECIAL 5th ANNIVERSARY OFFER

COLUMBIA RECORD CLUB

offers new members 12" long-playing records from every field of music

ANY 5 REGULAR FOR ONLY $1.97 OR STEREO FOR ONLY $2.97

RETAIL VALUE UP TO $24.90 (REGULAR) and $29.90 (STEREO)

if you join the Club now and agree to purchase as few as 5 selections from the more than 150 to be offered during the coming 12 months



48. This brilliant musical painting is an American classic



32. Perdido, Jump for Joy, C Jam Blues, Flamingo, 3 more



4. Also: Song of the Islands, On the Beach at Waikiki, etc.



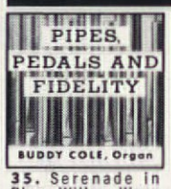
36. Rain in Spain, I Could Have Danced All Night, etc.



19. Also: Night on Bald Mountain, Polovtsian Dances, etc.



10. The exciting score of this fabulous Broadway hit



35. Serenade in Blue, Willow Weep for Me, 9 others



22. Also: Beyond the Blue Horizon, A Love is Born, etc.



23. "Led with fire and dash"—St. Louis Globe Democrat



44. "One of the great, great albums"—San Francisco Examiner



28. Played with "dazzling brilliance" — Boston Globe



47. Wild Man Blues Fine and Mellow, I Left My Baby, 5 more



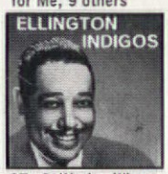
14. "A persuasive, sensuous performance" — Listen



46. Alexander's Ragtime Band, Cheek to Cheek, Always, etc.



30. "A choice item. Sheer magnificence of tone"—Hi-Fi Rev.



37. Solitude, Where or When, Dancing in the Dark, 5 more



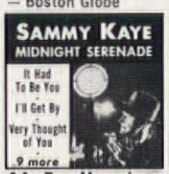
31. ". . . the tone is like shimmering silk" — High Fidelity



42. Blue Moon, Fools Rush In, Don't Worry 'bout Me, 9 more



45. One of the most melodically beautiful of all symphonies



16. Too Marvelous for Words, Where There's Life, etc.



3. "Music of singular breadth" — Philadelphia Inquirer



39. Also: Crusader March, King Cotton, The Thunderer, etc.



13. Also: Billy the Kid, In the Valley, Strawberry Roan, etc.



33. "Superbly played ...exciting listening" —Amer. Record Guide

26. Complete score. "A hit, another R&H winner!"—Newsweek

21. Expertly played by "a fabulous technician"—N. Y. Times

29. You've Changed, Body and Soul, I Got It Bad, 9 others

34. Come to Me, That Old Feeling, Long Ago, 9 more

38. "Enormous talent and technique" — Chicago News

40. Blue in Green, Flamenco Sketches, All Blues, etc.

11. Also includes works by Corelli and Mendelssohn

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All 47 of the records shown here are available in both regular high-fidelity and stereo-fidelity (except No. 8 — Listening in Depth — stereo only).

If you have a standard phonograph, you may join the Club and receive the regular high-fidelity versions of any 5 of these records for $1.97 . . . . . and you enroll in any one of the Club's four regular Divisions: Classical; Listening and Dancing; Broadway, Movies, Television and Musical Comedies; Jazz.

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You may accept the monthly selection for your Division . . . take any of the wide variety of other records offered in all Divisions . . . or take NO record in any particular month.

Your only membership obligation is to purchase five selections from the more than 150 Columbia and Epic records to be offered in the coming 12 months. Thereafter, you have no further obligation to buy any additional records . . . and you may discontinue your membership at any time.

FREE BONUS RECORDS GIVEN REGULARLY: If you wish to continue as a member after purchasing five records, you will receive — FREE — your choice of a Columbia or Epic Bonus record (regular or stereo) for every two additional selections you buy — a 50% dividend.

The records you want are mailed and billed to you at the regular list price, generally $3.98 (Classical $4.98), plus a small mailing and handling charge. Stereo records are $1.00 more.

MAIL COUPON TODAY to receive your 5 records.

NOTE: Stereo records must be played only on a stereo record player. If you do not now own one, by all means continue to acquire regular long-play high-fidelity records. They will play with true-to-life fidelity on your present phonograph and will sound even more brilliant on a stereo phonograph if you purchase one in the future

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COLUMBIA RECORD CLUB Terre Haute, Indiana

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COLUMBIA RECORD CLUB, Dept. 222-5
Terre Haute, Indiana

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(check one box only)

REGULAR DIVISIONS
- ☐ Classical
- ☐ Listening & Dancing
- ☐ Jazz
- ☐ Broadway, Movies, Television and Musical Comedies

STEREO DIVISIONS
- ☐ Stereo Classical
- ☐ Stereo Popular

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Name.....
(Please Print)

Address.....

City.....ZONE....State.....

CANADA: prices slightly higher; 1111 Leslie St., Don Mills, Ont.

If you wish this membership credited to an established Columbia or Epic record dealer, authorized to accept subscriptions, fill in:

Dealer's Name.....

Dealer's Address.....218

CIRCLE 5 NUMBERS:

(If you enroll in one of the Regular Divisions, you receive your 5 records in regular high-fidelity. If you enroll in one of the Stereo Divisions, you receive your 5 records in stereo.)

1	13	25	37
2	14	26	38
3	15	27	39
4	16	28	40
5	17	29	41
6	18	30	42
7	19	31	44
8	20	32	45
9	21	33	46
10	22	34	47
11	23	35	48
12	24	36	

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THAT'S the 1960
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Look



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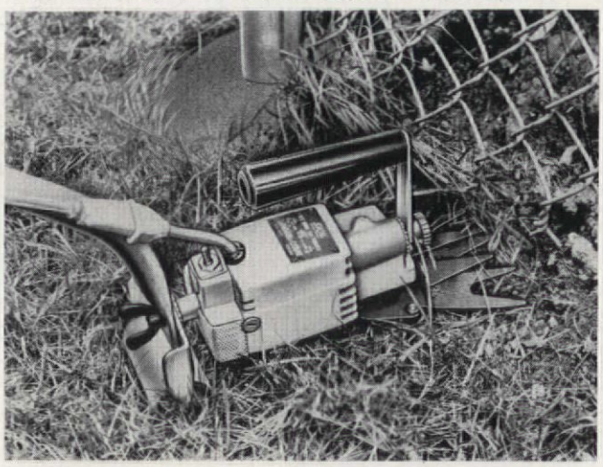
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Breeze through the summertime with the newest labor-saving devices designed to take the irk out of work and give you a vacation from drudgery

F. M. DEMAREST



SPOTS DISAPPEAR *before your eyes from tablecloths treated with Scotchgard finish that resists both water- and oil-borne stains. Spills can be removed with gentle blotting. Drip-dry rayon and acetate needs little or no ironing. White and colors, 52x52" size is $3, napkins 50c. Brown & Kruger, 325 Fifth Ave., New York 16, N.Y.*



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"Take my word for it...

You'll never find an easier, more pleasant way to MAKE EXTRA MONEY FOR CHRISTMAS!"

"You've never seen such beautiful Christmas cards — and neither have your friends and neighbors! The minute they see the beautiful new CORONATION COLLECTION of Doehla Greeting Cards, they'll want some. Why, you can pick up $50 to $250 just by taking their orders — that's how beautiful these cards are! But see for yourself — send 25¢ for the big 98-piece sample assortment shown here."

"Christmas Money" Coupon

GOOD FOR:

1 $2.75 Worth of Greeting Cards for only 25¢

for Christmas and All Occasions

2 Full details on how to earn, in spare time, $50 to $250 between now and Christmas

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Studio A17
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Your Name.....
(PLEASE PRINT CLEARLY)

Address.....

City.....Zone....State.....

☐ Check here for Special FUND-RAISING Plan for church, school, club or other organization. Please give name of organization.

...as a special offer to introduce you to

"MY FAVORITE SELECTIONS"

from the Coronation COLLECTION

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We make this Special Introductory Offer to friends of Art Linkletter to show how easy it is to earn $50 to $250 between now and Christmas in your spare time with the wonderful Doehla "Christmas Money" Plan. No experience is needed. To prove it, we will send — on approval — several other Art Linkletter "Favorite Selections" from the famous CORONATION COLLECTION. Just SHOW them to folks you know. That's all. Their beauty and low price will do the rest!

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Imperial Greeting Card Co., Los Angeles 12, Calif.
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Now science finds Unguentine effective for *all kinds* of everyday skin injuries!

UNGUENTINE® BOOSTS NATURE'S HEALING POWER as no plain antiseptic can!



1. Nature sends its healing serum to the surface of a skin injury. But tension may keep serum droplets apart. As germs get through, healing slows down!



2. Unguentine instantly spreads this healing serum, creates a protective blanket to lock out germs and to promote healing more effectively than nature itself!

Unguentine gives instant aid to injured skin Relieves pain, fights germs, promotes healing *and* forms a protective antiseptic dressing as no cream or liquid can! Nothing's safer for children, the whole family—for *all kinds* of skin injuries: cuts, scrapes, scratches, burns; painful sunburn, too!

Guaranteed by Good Housekeeping

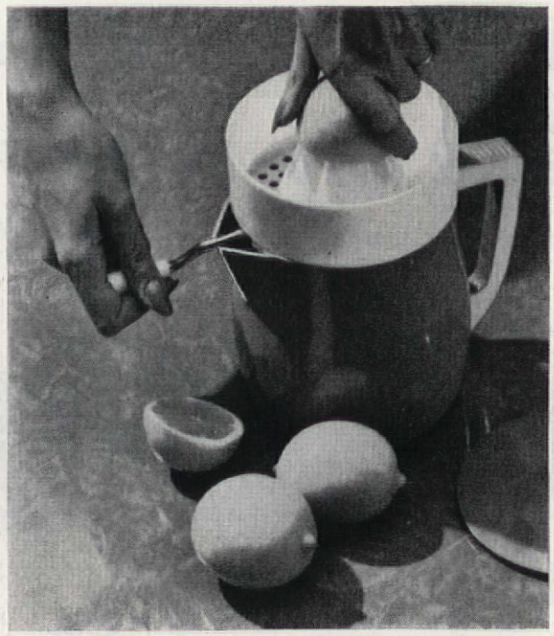




NOW—GET YOUR MONEY-SAVING UNGUENTINE-CURAD* FIRST-AID KIT.

PLAY IT SAFE— let Unguentine take over!

*T.M. of the Kendall Co.



ROTO-JUICER *combines a reamer with a covered pitcher for squeezing, serving, and storing fruit juice. Easy-to-clean pitcher and reamer are of unbreakable plastic, which is stain- and odor-resistant. You can make fresh lemonade or orangeade right in the generous 1¾-quart pitcher. In yellow, white, pink, turquoise, or copper tan, $4.98. Plas-Tex Corp., 2525 Military Ave., Los Angeles 64, Calif.*



WEB-FINGER DESIGN *of Swimitts gives you a big hand when swimming, adds pulling power to your stroke. Made of lightweight rubber, mitts are bright orange. In sizes to fit youngsters or adults. $1.29, $1.50, and $2. Pioneer Rubber Co., Willard, Ohio.*

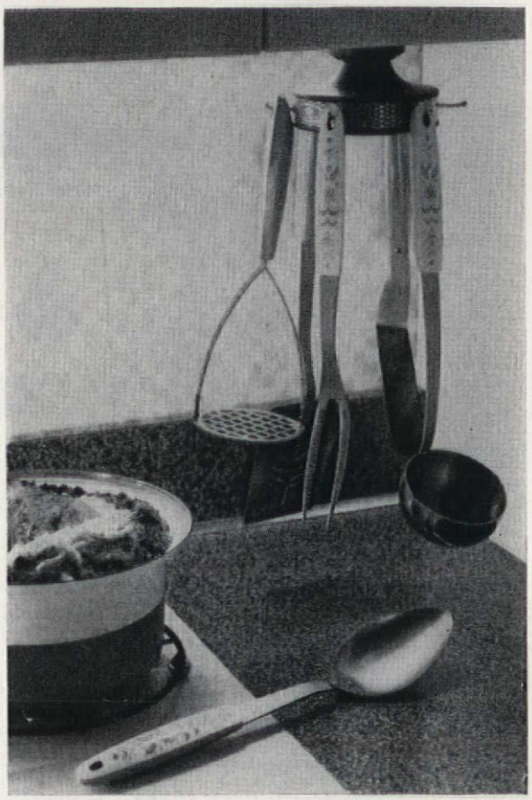


SETTINGS FOR WASH-AND-WEAR *on this steam-and-dry iron make it possible to press synthetics without fear of scorching or melting them. Steam is produced at such low temperatures that more fabrics can be steam-ironed than ever before. $17.95. General Electric Co., Bridgeport, Conn.*

All prices are approximate

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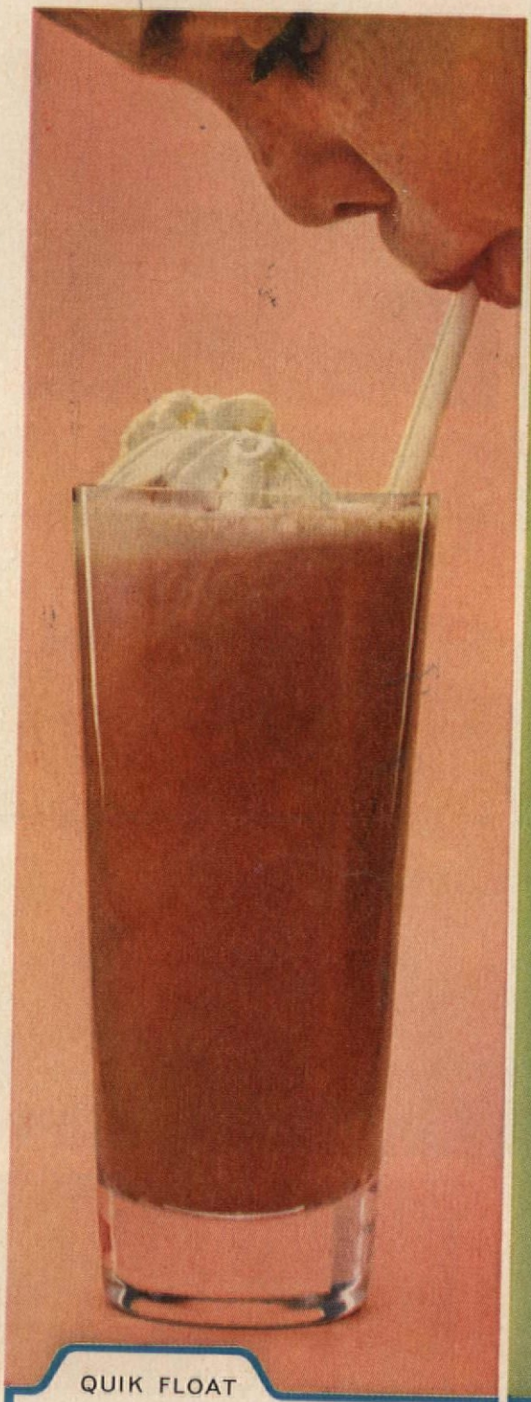
COOK-AND-SERVE UTENSILS *of stainless steel are designed to go right from the kitchen to the table. Handles are beige-and-white melamine with gold decoration, and they take the automatic dishwasher in their stride. The mahogany under-the-cabinet susan with six tools, $18.95. Ekco Products, 1949 North Cicero Ave., Chicago 39, Ill.*





JUST PULL THE TRIGGER *and this paint roller ejects sleeves automatically, thus eliminating the messiest part of room painting. No struggle, no spattering. Called Triga-Rolla, the frames, without sleeves, come in seven- and nine-inch sizes at $1.98 and $2.19. Rollers by Baker, Brandon, Vt.*

Summer is cooler when
THE COOLER IS QUIK!



QUIK FLOAT

Stir 2 tsps. chocolaty Nestlé's® Quik® into glass of cold milk. Add ice cream. Quik mixes instantly for the best chocolaty milk! Its extra vitamins and iron give your children extra energy for summer fun!

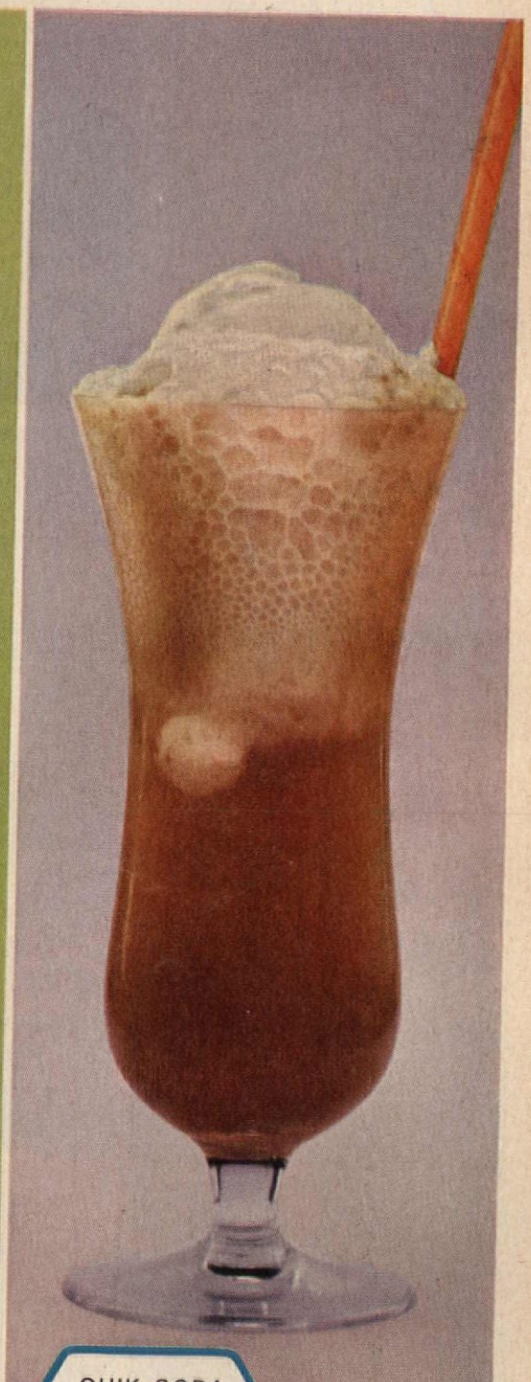




QUIK POPS

Mix ⅓ c. chocolaty Quik and 1½ tsps. plain gelatin in saucepan. Slowly blend in ¼ c. milk. Stir over low heat till gelatin dissolves. Mix in additional 1¾ c. milk and chill till slightly thickened. Stir gently. Insert sticks in 6 molds (available from most grocers). Fill with Quik mixture and freeze.





QUIK SODA

Combine 3 heaping tsps. chocolaty Quik with small amount of milk, in tall glass. Add ice cream. Fill slowly with chilled soda. Treat your family to Quik coolers often. So easy to make!



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NESTLÉ'S MAKES THE VERY BEST CHOCOLATE!

P.S. And for the very best strawberry coolers, try Nestlé's luscious new imitation Strawberry flavor Quik!

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of
TRIP TO YESTERDAY
on the narrow gauge
SILVERTON
from
DURANGO, COLO.
to
SILVERTON, COLO.
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Via
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Limit 15 Days in Addition to Date of Sale Stamped on Back
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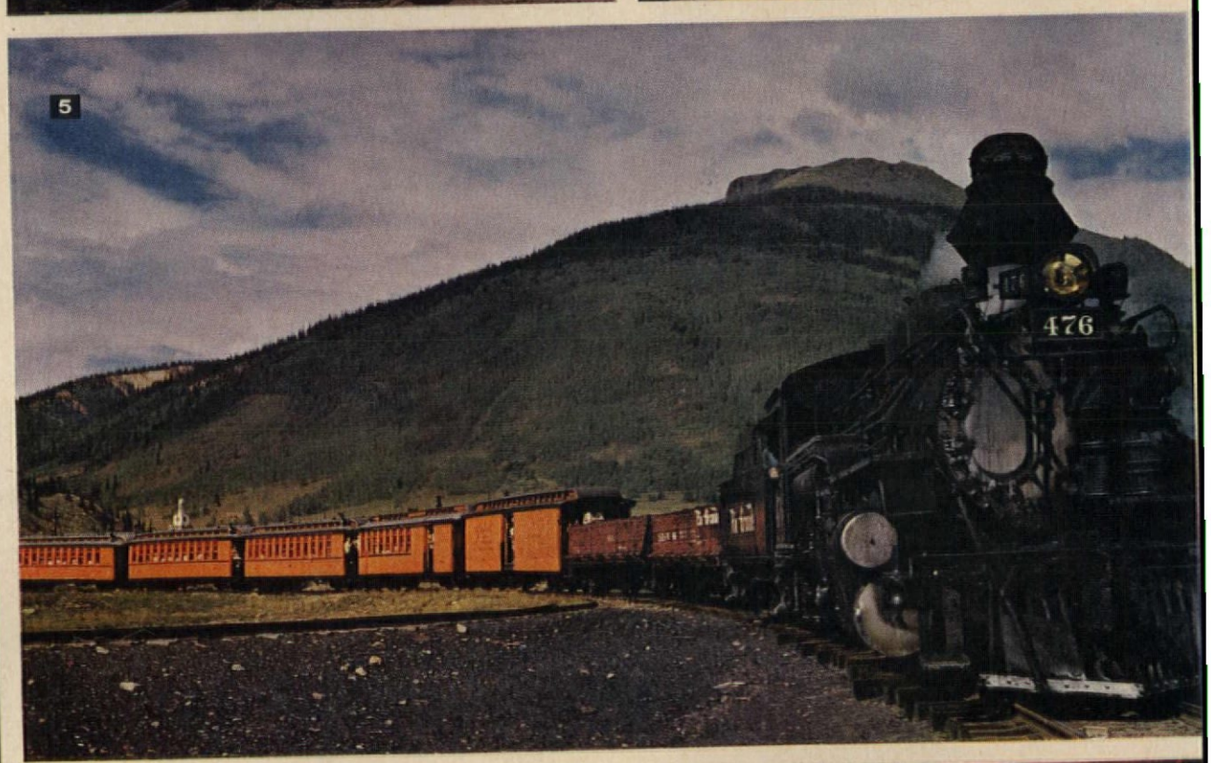
W. H. Lyons, Pass. Trf. Mgr.

If for child ☆ punch here







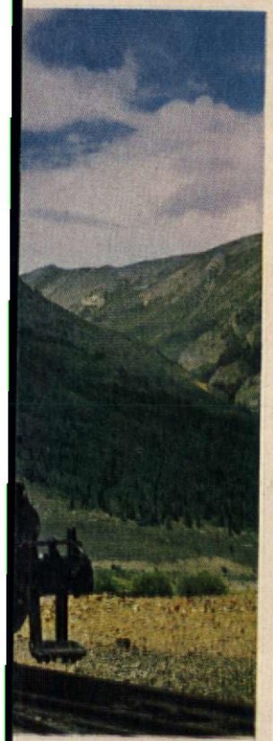


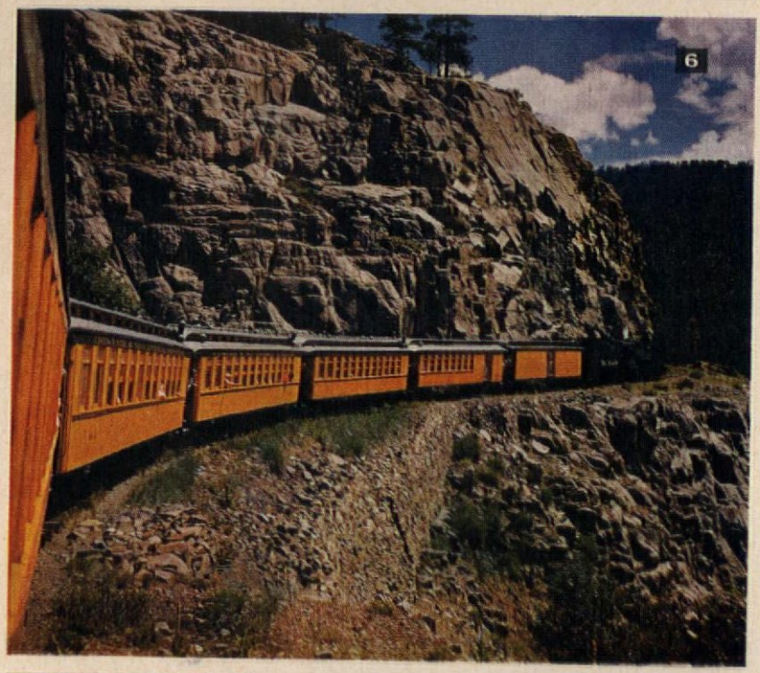
















JIM LISTON

The narrow-gauge train David Niven rode in "Around the World in 80 Days" is still chugging through the mountains to Silverton. You can ride it this summer in an adventure-filled

RETURN TO YESTERDAY

"We got here two days early to be sure to get a seat on the Silverton," said the man from Ohio. "Sure, we've got reservations, but see that line of people? They're stand-bys hoping to pick up any cancellations."

It was 7 A.M. in Durango, Colorado, on a beautiful midsummer morning. The happy crowd that queued up at the ticket window was not waiting for a sleek, transcontinental jet but a passenger train that would take all day to make the 90-mile round trip between Durango and the little mining town of Silverton. The parking lot and streets adjoining the station were crowded with cars bearing license plates from every state in the Union, including Alaska and Hawaii.

The old frame depot in Durango looks like a Western movie set, but there's nothing phony about it.

(continued)

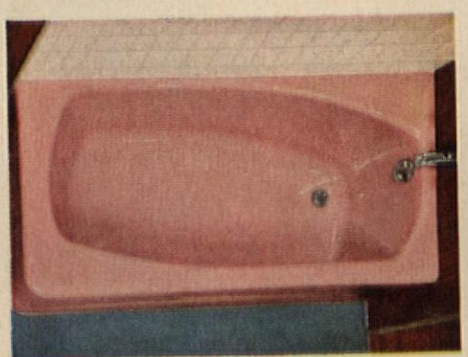
1. *Narrow, three-foot-gauge tracks made possible the Silverton's rugged route.*
2. *Original wooden coaches that date back to the 1880's give the train authentic charm.*
3. *Indians do hoop dance at Durango before train pulls out. Ute reservation is nearby.*
4. *Riders from Ah! Wilderness Guest Ranch meet the train when it stops for passengers.*
5. *Old 476 pulls out of Silverton (elevation 9300 feet) for the long descent to Durango.*
6. *The Silverton squeezes through on a precarious ledge above the river. In some spots the ties are within inches of the edge.*
7. *Stop-over at Silverton is highlighted by visit to the Bent Elbow restaurant.*
8. *Diamond Belle room of Durango's Strater Hotel has authentic Victorian décor. Mustachioed bartenders sing songs of the Gay Nineties to a honky-tonk piano.*
9. *Coroner measures victim of Silverton gun battle for coffin—an everyday occurrence.*

WILSON

It's NEW...it's American-Standard



Picture this beautiful bathroom in your home! Imagine stepping into the luxury and roominess of the **new Contour** bathtub with unique off-center design. Just as eye-catching is the sparkling lavatory with big, gleaming top — deep, roomy bowl — **extra wide ledges** and new, non-tarnishing faucets. Add extra beauty and **easy-to-clean** convenience to your bathroom with fine products by **American-Standard.**



New corner Contour of cast iron is 16" high. The off-center design forms two ledges and brings the back of the tub close for easy-reach cleaning. In decorator colors and white. A recessed model also is available.



Wide, wide ledges add beauty, more convenient space for toiletries. This lavatory is of easy-to-clean vitreous china in decorator colors and white.

CLIP AND MAIL

AMERICAN-STANDARD, Dept. PA-70, 39 West 39th Street, New York 18, N. Y.
Please send me your new booklet "Planning Modern Bathrooms in Color." I enclose 10¢ to cover mailing. I am modernizing_____. I am building_____.

(PLEASE PRINT)

Name_____

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In Canada send to: American-Standard Products, Ltd., 1201 Du Pont St., Toronto 4, Canada.

For more information on these and other beautiful bathroom products, mail the coupon or see your American-Standard retailer. He's listed in the yellow pages of your phone book under "plumbers" or "plumbing supplies."

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AMERICAN-Standard PRODUCTS

AMERICAN-Standard

PLUMBING AND HEATING DIVISION

(continued)

And waiting at the platform is the real thing—an old narrow-gauge steam engine, spewing forth smoke and cinders, and nine wooden coaches that date back as far as the 1880's.

In the forward section are open-platform cars. The rear portion is made up of vestibuled coaches. They're the last narrow-gauge cars in regularly scheduled service in the U.S., and they look familiar to people who saw "Around the World in 80 Days." This is the same train David Niven rode when he fought off the Indian attack.

Movies and tourists weren't in the plans of the Denver & Rio Grande Western Railroad when it built the branch to Silverton almost 80 years ago. Silverton was a roaring boom camp of 5000 people, and $20 million in gold and silver came out of the mines in the area. Railroad men boasted that their narrow-gauge (36-inch wide) track was the practical and economical way to build in the mountains; that it could penetrate terrain only pack mules could cross. The canyon of the Rio de Las Animas Perdidas (River of Lost Souls) was a labyrinth of precipitous rock walls, impossible grades, but when the builders couldn't find footing for the rails, they blasted narrow

(continued on Page 54)

Colorado's forgotten "left field"

Southwestern Colorado is often overlooked by vacationers who visit such well-known attractions as Estes Park, Pikes Peak, Garden of the Gods, and Royal Gorge. Few are aware that some of the state's most spectacular scenery is just a day's drive over excellent roads from Denver, Salt Lake City, or the Grand Canyon. Those traveling U.S. Highway 66 can reach Durango in five hours from Gallup, New Mexico.

Reservations: The Silverton narrow-gauge railroad is a sellout every day during the vacation season; reservations are a must. Write the Silverton Narrow Gauge, Box AH, Chamber of Commerce, Durango, Colorado, specifying the date and number of tickets. The price is $5 (plus tax) round trip for adults; $4 for children 15 years and younger. The Silverton railroad operates daily from June 12 until Labor Day, after which it operates Sunday, Wednesday, and Friday through September 25.



Durango: The "narrow-gauge capital of the world," is located at the intersection of U.S. 160 and 550. The area is a fishermen's paradise. There is even good fishing off the Main Avenue bridge in Durango. The largest stream trout caught in the U.S. was landed within the city limits a few years ago.

Accommodations: Because the ride to Silverton on the narrow gauge is an all-day trip, most tourists arrive the day before and reserve a motel room for two nights. Though there are many excellent motels in Durango, it's advisable to telephone for reservations or to write the Durango Motel Association.

The Million Dollar Highway: U.S. Highway 550 from Durango north to Ouray is called the Million Dollar Highway because its roadbed contains flecks of pure gold. Drivers with nerves of steel, good brakes, and a desire for high adventure can circle back from Ouray through Ridgeway, Placerville, Telluride, Rico, and Dolores and return to Durango.

Mesa Verde National Park: The home of prehistoric cliff dwellers is just 38 miles west of Durango on U.S. 160. Meals, lodgings, and camping facilities are available in the park. Allow at least a full day for Mesa Verde—it's fascinating.

Vallecito Reservoir: This popular fishing spot is just 22 miles northeast of Durango on good county roads. Cabins, boats, and camping areas are available.

It's new! It's Lickin'-Good





all the meat is beef in new Pard

Swift's Premium

The two most trusted words in meat. Our 105th year.

. . . so when you buy beef for the family . . . buy lickin'-good Pard for the family dog

New, nourishing, ever so much more tasty dog food. Your dog will love it . . . thrive on it—new *lickin'-good* Pard. All the meat is *beef* in Pard.



It's Cookout Time for

LEA & PERRINS WORCESTERSHIRE

Add exciting flavor to your barbecue with Lea & Perrins. Use it to season your sauces, meats, fish and casseroles — either while cooking or at the table. Lea & Perrins is the only sauce with the real Worcestershire flavor. For Lea & Perrins is full-strength Worcestershire — the original. And there's still no other like it!

LOOK WHAT LEA & PERRINS CAN DO FOR A COOKOUT!





TEXAS BARBECUE SAUCE

1 5-oz. bottle Lea & Perrins Worcestershire Sauce
2 cups water
½ tsp. pepper
¼ cup brown sugar
¼ cup butter
1 tsp. garlic salt, or 2 cloves garlic, minced
1 cup vinegar
½ cup lemon juice

Combine all ingredients. Bring to a boil, reduce heat and simmer uncovered for 10 minutes. Makes about 4 cups. Will keep in the refrigerator.





DEVIL'S DIP

2 tbs. Lea & Perrins Worcestershire Sauce
3 cups large curd cottage cheese
½ cup mayonnaise
¼ tsp. Tabasco Sauce
1 envelope Exotic Herbs Salad Dressing Mix
1 tbs. minced onion

Combine ingredients and mix well. Chill. Stir when ready to use. Garnish with parsley, serve with assorted crackers. (Makes about 3½ cups.)





FRENCH BREAD WITH WORCESTERSHIRE BUTTER

2 tbs. Lea & Perrins Worcestershire Sauce
1 loaf French bread
½ cup butter
1 tbs. chopped chives

Split loaf of French bread in half, lengthwise. Cut each half in 4 sections. Heat Lea & Perrins Worcestershire Sauce and butter, stirring until blended. Brush bread generously with this mixture. Dot with chopped chives. Wrap in foil, heat on grill.





TOMATO SURPRISE

1½ tbs. Lea & Perrins Worcestershire Sauce
1 cup chopped cold meat
2 tsp. minced onion
2 eggs • 1 tsp. sugar
¾ cup soft bread crumbs
6 large ripe tomatoes

Remove tops from tomatoes; scoop out pulp. Mix meat, beaten eggs, seasonings, ½ c. crumbs, chopped and drained tomato pulp. Fill tomatoes, top with bread crumbs tossed in melted butter. Wrap each tomato in foil, cook over grill until soft.

LEA & PERRINS, THE ORIGINAL WORCESTERSHIRE SAUCE

Free: *-64 Page Cook Book, "DISHES MEN LIKE" Write: Lea & Perrins, Inc., Pollitt Drive, Fair Lawn, N. J., Dept. H-1*

JUNE M. TOWNE

We cook up something new in COOK-OUTS

How about a real family Sunday dinner cooked outdoors? Or maybe breakfast under the trees? Got a whale of a crowd coming? Or just a few fastidious gourmets? Read here how to plan, prepare, cook, and serve the perfect patio cook-out. And have yourself a wonderful time, too!

George de Gennaro



BREAKFAST ON THE PATIO

What a chipper way to start a lazy summer's day—right out where the breezes blow and appetites are ravenous. What's cookin'? Thick, juicy ham steaks! But wait—we start this hearty

JOE LONG



breakfast with frosty cranberry-and-apple juice. Next, your favorite ready-to-eat cereal topped with fruit and cream. Here come the ham steaks, and with 'em, Egg Foo Yung, grilled tomatoes, and crispy fried corn meal mush. What else could you want for breakfast — except coffee, and lots of it! For how-to's, turn page.

***Breakfast** is probably the newest wrinkle in cook-outs. We see more and more of them, not only in back yards, but at beaches and picnic areas too. Getting there early is best way to avoid crowds!*

Shopping Information, page 70



PATIO BREAKFAST MADE EASY

Don't think that just because you've planned breakfast outdoors you have to get up before daybreak to prepare it. The way we've planned it, you'll have time to read the newspaper before lighting the charcoal! Most of your K.P. duties can be done in advance. For example:

FIRST COME THE EYE OPENERS

Fruit juices can be chilled in the refrigerator separately overnight and blended before serving, or blended and stored in the serving container. Other variations include cranberry and orange juice, grape and apricot nectar, minted pineapple and apple. Ever tried soup on the rocks—beef or tomato bouillon poured over ice cubes? It's delicious and a good start for any breakfast.

TRICKS FOR YOUR FAVORITE CEREAL

Give your guests a choice of fresh fruits in season. Or have you ever tried freezing peaches 'n' cream ready to eat? Slice a few peaches into a freezer container, add sugar, then a little cream, more peaches, and more sugar and cream. To serve, remove from the freezer and allow the peaches 'n' cream to thaw partially. (Try this trick with berries too!)

EGGS COMING UP!

The Egg Foo Yung mixture stores well in a covered bowl in the refrigerator. Mix it together the night before. Also blend the gravy ingredients in a saucepan, to be ready for thickening on the grill as you spoon the Foo Yung mixture into pancakes. For other egg dishes, try scrambled or fried eggs, or an omelet—either Western, French, cheese, jelly, mushroom or tomato!

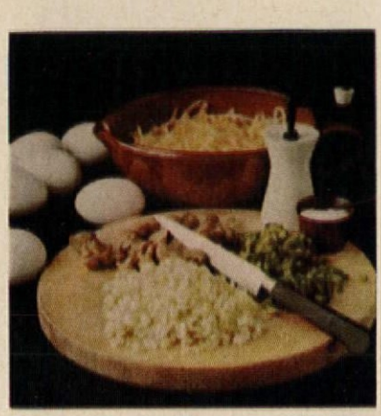
Egg Foo Yung

6 eggs
1 medium-sized onion, chopped (½ cup)
1 small green pepper, diced
1 can (about 1 lb.) bean sprouts, drained
¾ tsp. salt

Beat eggs in large bowl. Add remaining ingredients. Ladle about ½ cup of mixture for each pancake onto lightly greased griddle. Cook until golden on bottom; turn and brown other side. Serve hot with Foo Yung gravy.

Foo Yung Gravy

Blend 1½ cups chicken broth into 1½ tablespoons cornstarch in small saucepan. Stir in 1 teaspoon soy sauce, ½ teaspoon salt, dash pepper, and ¼ teaspoon sugar. Cook over medium heat, stirring constantly, until mixture thickens and boils 1 minute. Serve hot. Makes 6 servings.



To make Egg Foo Yung, assemble all the ingredients, plus a cutting board, a French knife, and a bowl for mixing.



After vegetables have been chopped as shown, slide them from the board into the beaten egg mixture. Add the rest of the ingredients (see recipe) and stir together.



Make these pancake omelets to order. They're best hot off the griddle, and the mixture will wait. Cook till golden on the bottom; flip 'em, and brown on other side.

MAKE MUSH A MUST

Corn Meal Mush for frying can be made in advance. Make it at your convenience, even in quantity, and freeze or store in your refrigerator. If you freeze it, be sure to thaw it completely. Remember, fried corn meal mush is always best when it's crispy. This means slicing it thin and browning it slowly. In lieu of mush, you might try griddle cakes—plain, blueberry, corn, buckwheat, potato, or deviled ham! Any way you fix them, they're hearty, satisfying breakfast fare!

TIPS ON GRILLED HAM

Our ready-to-cook ham steak—one inch thick—is grilled over low coals 5 to 7 minutes on each side. If you wish to embellish, we suggest you try:

Grilled Ham With Barbecue Sauce

Combine equal amounts of catchup, vinegar, and water, with ½ teaspoon celery seed, and ½ teaspoon dry mustard. Use the sauce to baste ham slice.

Grilled Ham With Pineapple Sauce

Grill the ham steak and baste with 1 cup pineapple juice, ½ cup brown sugar, ¼ cup vinegar, and 2 teaspoons dry mustard.

Skillet-Broiled Ham Slice

Place ham slice in heavy skillet. Put skillet on grill. Turn meat occasionally. Cook until meat is tender (about 15 min.). Turn and baste frequently with either of the sauces above.

Bacon, Canadian bacon, sausage, and chicken livers are good substitutes for grilled ham. If you prefer fish, try fish sticks or fillets cooked in foil, kippered herring, trout, creamed finnan haddie, clam cakes, or salt cod.

HOW WILL YOU HAVE YOUR BREAD?

If toast, English muffins, or frozen coffee cake are your choice of breakfast breads, they may be toasted or heated on the grill. However, if you prefer homemade biscuits or muffins, or biscuits or muffins made from a mix, or the refrigerated biscuits, sweet rolls, or coffee cake, we recommend these be "baked off" in your kitchen oven.

DON'T FORGET THE COFFEE!

How and where you make your coffee will depend upon your own favorite equipment and method for making coffee, indoors or out-of-doors. Just bear in mind, everyone loves that "second cup of coffee." Be prepared—use the big pot!

TURKEY ON THE SPIT AND ROASTED CORN

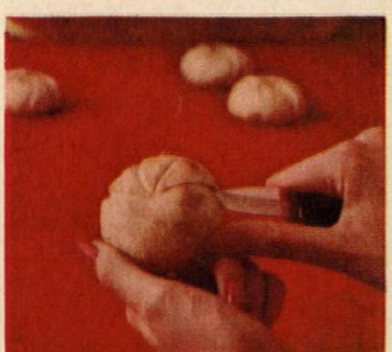
Take a quick look back at page 15. Here's our complete menu for the turkey-on-the-spit barbecue:

Appetizers of your choice
Turkey on the Spit
Lemon Basting Sauce
Sautéed Mushrooms Roasted Corn
Deluxe Baked Potatoes
Hot Rolls
Homemade Ice Cream Coffee

TURKEY ON THE SPIT

The important thing to remember in barbecuing poultry is to spit it securely. Be sure turkey is well balanced before placing over the coals, then rub it all over with lemon basting sauce.

As the turkey cooks, baste it frequently to prevent drying out. Take plenty of time—you can't ruin fowl by long, slow roasting. A 15-pound turkey takes about three hours to roast; if stuffed, it takes longer. Wiggle a leg to test for doneness. If it moves easily, the turkey is ready. Chicken can also be barbecued this way, either whole or in halves. It takes about 1 to 1½ hours, depending on size.



To sauté mushrooms, wipe with damp cloth. Cut off stems even with caps. For pinwheel design, cut curved grooves one-eighth inch deep. Make second cut next to first. Lift off strip between cuts. Repeat every half inch.



Sauté mushroom caps in butter or margarine in skillet over grill. Cook slowly, turning gently, until lightly browned. Sprinkle with salt, pepper. Serve hot.

GRILLING ON THE GRATE

Split chickens or cut in serving pieces for broiling. (See Sunday dinner on the next page.) Start the chickens cooking with the inside facing down, basting frequently with lemon sauce. Broilers will take 30 minutes or more, depending on the size.

Some people like to marinate chicken in oil and seasoning for several hours before cooking. Or try brushing with mayonnaise while broiling. When barbecuing poultry, whatever the size or variety, always choose young, tender birds.

Duckling, too, may be broiled. It is best done in halves. Buy a small-sized duckling and have the butcher split it or split it yourself. Turkey lovers will be interested in knowing that they can now buy turkey parts which can also be broiled on the outdoor grill.

LEMON BASTING SAUCE FOR TURKEY OR CHICKEN

Melt ¾ cup butter
Mix and stir into melted butter:

2 teaspoons paprika
1 teaspoon sugar
1 teaspoon salt
½ teaspoon black pepper
¼ teaspoon dry mustard
Few grains cayenne pepper

Blend in thoroughly:

½ cup lemon juice
½ cup hot water
Few drops Tabasco Sauce

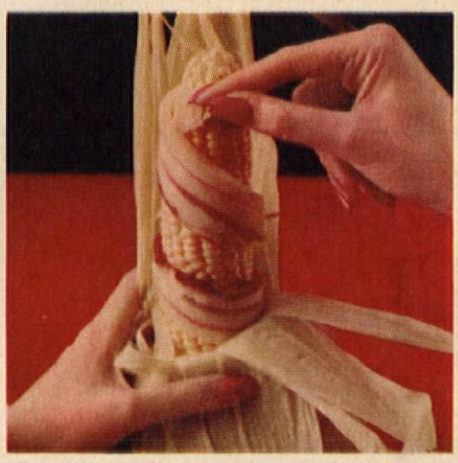
Baste chicken frequently with sauce during grilling. If you wish, add 2 tablespoons grated onion to the sauce. About 1½ cups sauce.

ROASTED CORN VARIATIONS

Turn back husks and remove silks.
Do one of these:
Leave plain; soak corn and husks in water 1 hour before roasting. *Or* brush with butter, or butter seasoned with herbs; replace husks. *Or* spiral bacon, as shown below. If you prefer, you may remove the husks, wrap corn in foil and roast plain.



Turn back husks on corn. Remove silks. Spread with peanut butter. Replace husks and roast.



Spiral bacon slice around corn (plain or with peanut butter). Secure ends with wooden picks.

DELUXE BAKED POTATOES

Make three cuts in the potato almost through to the bottom. Spread cuts with sour cream and chive sauce. Wrap each potato in foil.

STRAWBERRY ICE CREAM

Freezing time: 30 min.

1 qt. strawberries, washed and hulled
⅓ c. sugar
⅓ c. flour
¼ tsp. salt
2 c. sugar
2 c. milk, scalded
6 eggs
3 tsp. vanilla
4 c. heavy cream

Mash strawberries with ⅓ cup sugar; let stand while preparing custard mixture. Mix flour, salt, and sugar in top of double boiler; blend in milk. Cook over boiling water, stirring constantly, about 5 minutes or until thickened; cover; cook 5 minutes longer. Beat eggs slightly; stir in hot mixture; return to double boiler; cook 1 minute longer. Cool; add vanilla. Blend in cream and strawberry mixture. Freeze according to directions of manufacturer of your type of freezer. After ice cream is frozen, the paddle can be removed and freezer packed with salt and ice. Ice cream will keep for three to four hours with this packing. Makes 1 gallon.

Tested in *The American Home* Kitchens

BERNARD GRAY



A SUNDAY OPEN-AIR FAMILY FEAST!

Who says an outdoor barbecue is just for entertaining guests? What could be more fun for the whole family than a good old-fashioned Sunday dinner outdoors, with everything from golden grilled chicken to homemade strawberry ice cream? Preparation is practically a pleasure — most of the work can be done the night before, or before you go to church. Then, while you're tending to the fixin's, Dad can baste the chickens, and the kids can churn the ice cream. Everybody ready? Dig in!

***Our outdoor chicken dinner** includes grilled chicken (basted with a lemon sauce), instant mashed potatoes with chicken gravy, zucchini and yellow squash, sliced tomatoes and cucumbers, hot rolls, homemade ice cream with sundae sauce or cantaloupe à la mode!*

See preceding page for recipes.



TRY STEAK-ON-A-STICK

Hawaiian appetizers are as glamorous as they are delicious! Thin strips of chuck or round steak are threaded on a stick and marinated in a special sauce. Guests cook their own over a hibachi.

***Pâté in background** is a chef's secret. It's made of liverwurst yet tastes like expensive pâté de foie gras. Pâté is shaped in a mold and served with assorted crackers.*



TEASE THE APPETITE

LIVERWURST PÂTÉ

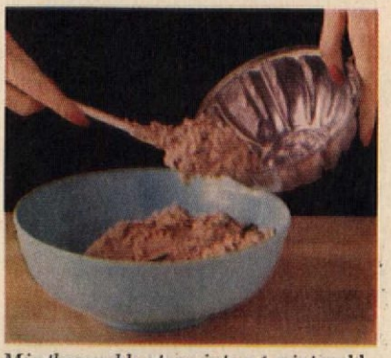
1 tsp. gelatin
5 tsp. cognac
1 lb. liverwurst
¼c. sour cream
1 tsp. dry mustard
¼c. minced onion
2 truffles, chopped



Soften gelatin in 1 tablespoon cognac.



Add remaining cognac. Mash liverwurst into gelatin; stir in other ingredients.



Mix thoroughly; turn into a 1-pint mold. Chill for several hours or overnight.



Unmold onto a dish. Garnish with water cress and serve with assorted crackers.

Both the pâté and Steak-on-a-Stick are appetizers to enjoy while the fire settles down to a bed of white coals. Give your guests just enough to hold them in abeyance but not enough to spoil their appetites.

RAW VEGETABLE APPETIZERS

Raw vegetables are wonderful nibblers. They can double as hors d'oeuvres and salad course. Keep them fresh and crisp with chips of ice. Place containers of salt and pepper, seasoned salt, a cruet of French dressing, and a dunking bowl beside the platter. Crisp cocktail tidbits such as tiny pretzels, crackers, or salted nuts are complementary and help fill in until mealtime.

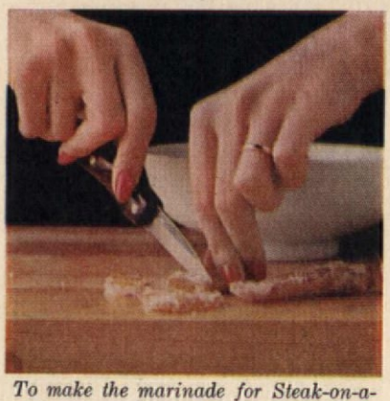
FIRESIDE POPCORN

Here's another appetite teaser. No sense in wasting good cooking heat while waiting for the flames to die down. Put a cup of popcorn into a long-handled popper or a frying pan and pour on a little oil. Shake over fire until corn becomes white and fluffy. Sprinkle with salt and melted butter. Serve right away to hold those ravenous appetites in check.

STEAK-ON-A-STICK

2 tbs. crystallized ginger
½ c. brown sugar
2 c. soy sauce
⅓ c. dry sherry
Chuck or round steak

Chop crystallized ginger into small slivers. Mix with brown sugar, soy sauce, and dry sherry. Slice round or chuck steak into thin strips. Strips should be about 1½″ long, 1″ wide, and ½″ thick. Treat with meat tenderizer. Thread bamboo sticks or skewers through strips of beef. Marinate Steak-on-a-Stick for at least ½ hour before grilling over charcoal.



To make the marinade for Steak-on-a-Stick, chop ginger into small slivers.



Mix with brown sugar, soy sauce, sherry.



Then slice the steak into thin strips.



Thread steak through bamboo sticks.



Marinate steak for ½ hour before grilling.

LOBSTER FOR GOURMETS

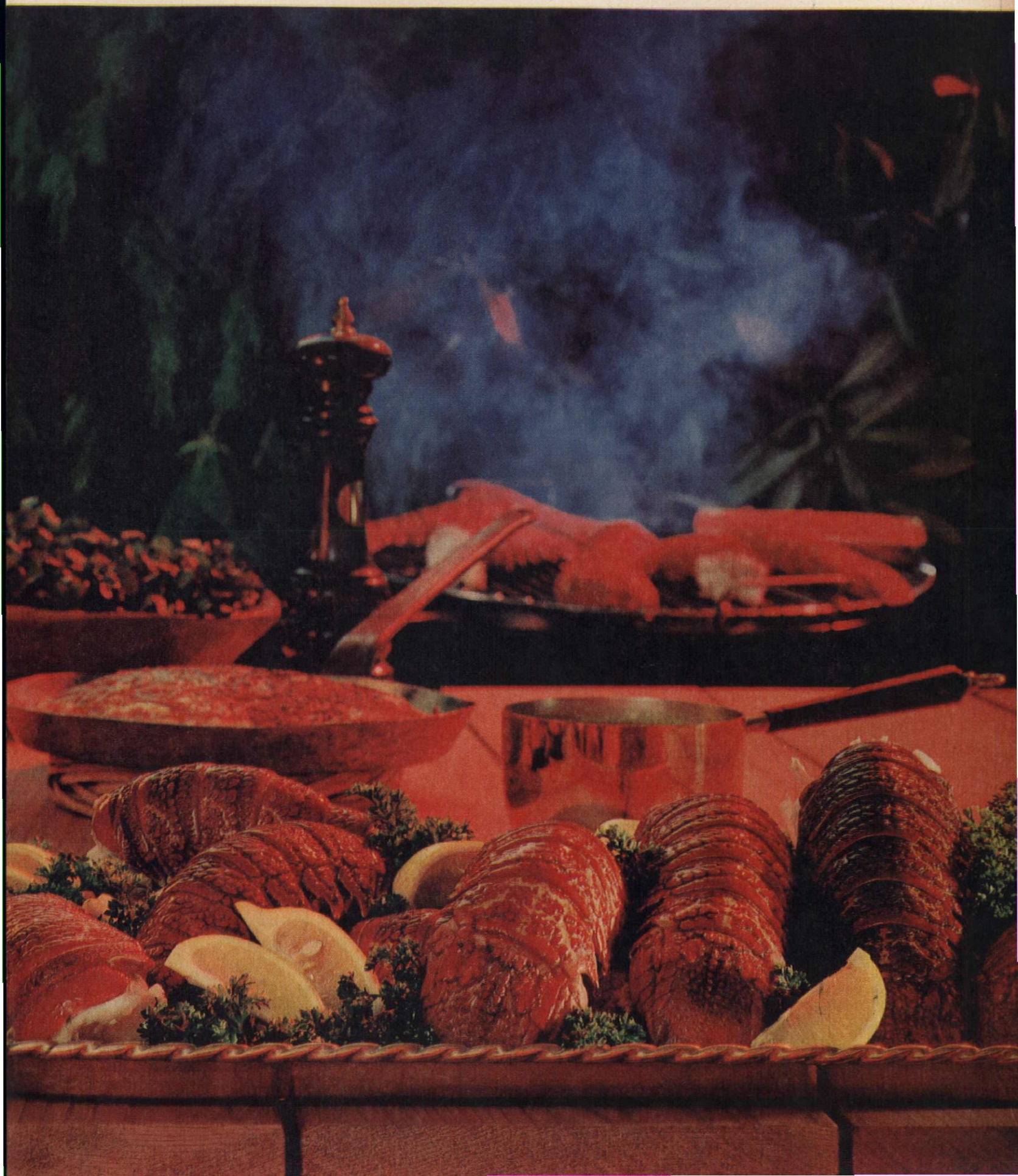
There are many connoisseurs of fine food who shudder at the thought of a meal cooked outdoors. Here, we prove that a true gourmet dinner can be as good, if not better, when cooked on

JOE LONG



the patio. Our entree is grilled lobster tails served with a delicate drawn curry butter. Ever heard of Uncle Bill Limecooly Potatoes? They're a delightful concoction fried right on the grill. Our dessert is an enticing strawberry shortcake topped with whipped cream. The grand finale—a flaming Café Brûlot!

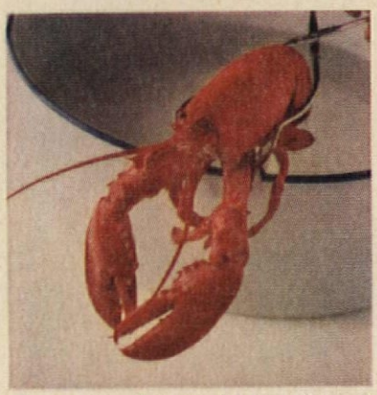
Table accessories are as elegant as the meal itself. Lobster is served on a large copper tray. Chafing dish, skillet, and sauce pot also are copper. Note the intriguing Café Brûlot cups and saucers.



TIPS FOR OUR GOURMET COOK-OUT

LOBSTER TAILS

Within three hours after South African Rock Lobster is taken from the icy waters off the Cape of Good Hope, the most desirable part—the meaty end, known as the tail—is removed and quick frozen. This sweet, tender, easy-to-serve lobster meat is now available from coast to coast. Lobster is always an extra-special dinner, so keep a generous supply ready in your freezer. Just one stipulation: Be sure to take them out an hour or long enough in advance to defrost completely before grilling.



To prepare whole live lobster, plunge it head first into kettle of boiling water.



When cooked, place on board and split lobster end to end with a large knife. Insert the knife point at the head.



To broil live lobster, split and brush with butter. Place 4" under the flame.

BARBECUED LOBSTER TAILS

Thaw tails. Cut underside membrane around edges and remove. Grasp tail in both hands and bend it backwards toward shell side to crack and prevent curling; or insert skewer to keep tail flat. Brush flesh side with curry butter. Turn and grill flesh side until meat is opaque and tender when pierced with a fork. This will take three to five minutes, depending on the fire.

BROILED LOBSTER TAILS

Prepare as for barbecuing. Arrange tails shell side up on rack, place four inches below heat and broil two minutes. Turn flesh side up, spread with butter, broil three minutes. Serve in shell.

BOILED LOBSTER TAILS

Drop tails, either thawed or frozen, into boiling salted water. If thawed, boil four minutes from the time water reboils. If frozen, boil eight minutes. Drain off hot water, drench with cold and cut away underside membrane with scissors. Remove from heat, serve hot with melted butter. Or chill and serve with mayonnaise or cold hollandaise sauce.

BAKED IN FOIL

Thaw lobster tails. Cut undershell around edge and remove. Fold each tail securely into piece of foil four inches longer than length of tail. Place on baking pan in 450° oven and bake 25 to 30 minutes. Foil baking is excellent for grill, too.

DRAWN CURRY BUTTER

Melt ¼ pound of butter in pan, squeeze in juice of half a lemon. Add enough curry to suit your taste.

OTHER WAYS TO SERVE LOBSTER

Lobster tails also can be served as elegant hors d'oeuvres. Cut meat into chunks and serve on toothpicks. Fill shells with cocktail dip. Or blend the sauce with shredded lobster meat and serve on buttered, thinly sliced bread for a canapé. Garnish with finely chopped parsley, stuffed green olives, or green pepper strips. Lobster tails are also especially suitable for Newburgs, thermidors, casseroles, and creamed dishes; also in sea-food salads, molded salads, loaf recipes, sandwich fillings, soups, chowders, and bisques.

UNCLE BILL LIMECOOLY POTATOES



Raw potatoes are grated into thin strips.



Season potatoes with salt and pepper.



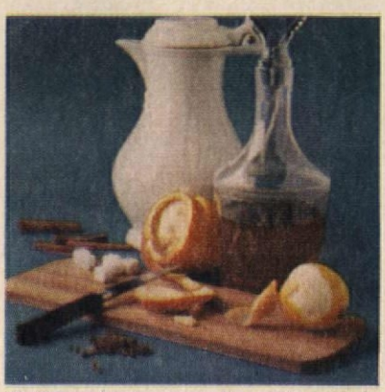
Squeeze out moisture through cheesecloth.



Sauté potatoes in a heavy frying pan until golden brown and turn in one piece like a pancake. (Do not stir when browning.)

CAFÉ BRÛLOT

The nicest part of a ceremonious Café Brûlot is the serving. It should linger long in the memory and it calls for soft lights to make the flames more exciting. Into a thick bowl or chafing dish, pour enough cognac to allow a liqueur glass for each cup of coffee and, of course, one for the bowl.



Coffee, cube sugar, spices, citrus rind.



Mull sugar with cinnamon stick, cloves, orange, and lemon rind in chafing dish.



Pour coffee into mulled mixture. Peel an orange, corkscrew fashion; holding over bowl, pour cognac down peel, light. Drop peel into the bowl—flames will flicker.

BEEF STEW

Preparation time: 35 min.
Cooking time: 2½–3 hrs.
⅓ c. cooking oil or shortening
8 lbs. chuck, cut in 2-inch cubes
2 cloves garlic, minced
2 c. chopped onion (2 large)
2 stalks celery, diced
4 large tomatoes, peeled and chopped or 2 cans (1 lb. each) tomatoes
6 c. boiling water
1 tbs. salt
1 tbs. Worcestershire Sauce
Dash of Tabasco Sauce
2 tsp. bouquet garni
24 small white onions, peeled
12 medium potatoes, pared and quartered
1 bunch carrots (1 lb.) pared and cut in 2-inch pieces
1 pkg. (10 oz.) frozen peas
¼ c. flour
½ c. water

You'll want to brown meat and prepare vegetables before taking to the grill. Heat cooking oil or shortening in heavy kettle. Brown meat in hot fat over medium heat, a small amount at a time, removing pieces as they brown. Return all browned meat to kettle; add garlic, onions, celery, tomatoes, water, salt, Worcestershire, Tabasco, and bouquet garni. Simmer on the grill until meat is tender. Add onions, potatoes, carrots; simmer until vegetables are done. Add peas during the last 10 minutes of cooking. To thicken stew, combine flour and water, stir into stew; simmer 5 minutes to thicken. Enough for 12 servings.

HOW TO MAKE PERFECT ICED COFFEE

There are three ways to make regular iced coffee: The quick method with coffee ice cubes; the quick, double-strength method; the precooled method. Each will give you fine results if you remember that good iced coffee always starts with good hot coffee. Then of course you can use instant coffee as a fourth method. For each serving of regular-strength coffee, use one standard measure (or two level measuring tablespoons) of coffee to ¾ of a measuring cup of water. For *extra*-strength coffee, use 3 level measuring tablespoons of coffee to ¾ of a measuring cup of water. For *double*-strength coffee, use 2 standard measures of coffee.

Coffee Ice Cubes

Brew extra breakfast coffee and allow it to cool. When cool, pour into refrigerator tray and freeze into coffee ice cubes, turning temperature control to coldest point for rapid freezing. Iced coffee can then be made any time by pouring regular-strength hot coffee over the cubes.

Tested in
***The American Home* Kitchens**

Quick Double-Strength Iced Coffee

Brew coffee double strength by using half the amount of water to the usual amount of coffee. Pour hot coffee over ice cubes in tall glasses. The extra-strong coffee allows for dilution caused by the melting ice.

Precooled Iced Coffee

Make regular strength coffee and cool in nonmetallic container in refrigerator, not more than three hours. When coffee is chilled, pour over ice in tall glasses. Serve immediately.

Instant Iced Coffee

Mix twice the usual amount of instant coffee with a little water (hot or cold depending on brand) in each glass. Add ice cubes and cold water, and stir the brew thoroughly.

BREAD FOR STEWS

Anything as delicious as our beef stew naturally calls for a bread to go with it. We come up with seasoned bread sticks, made from hot dog rolls!



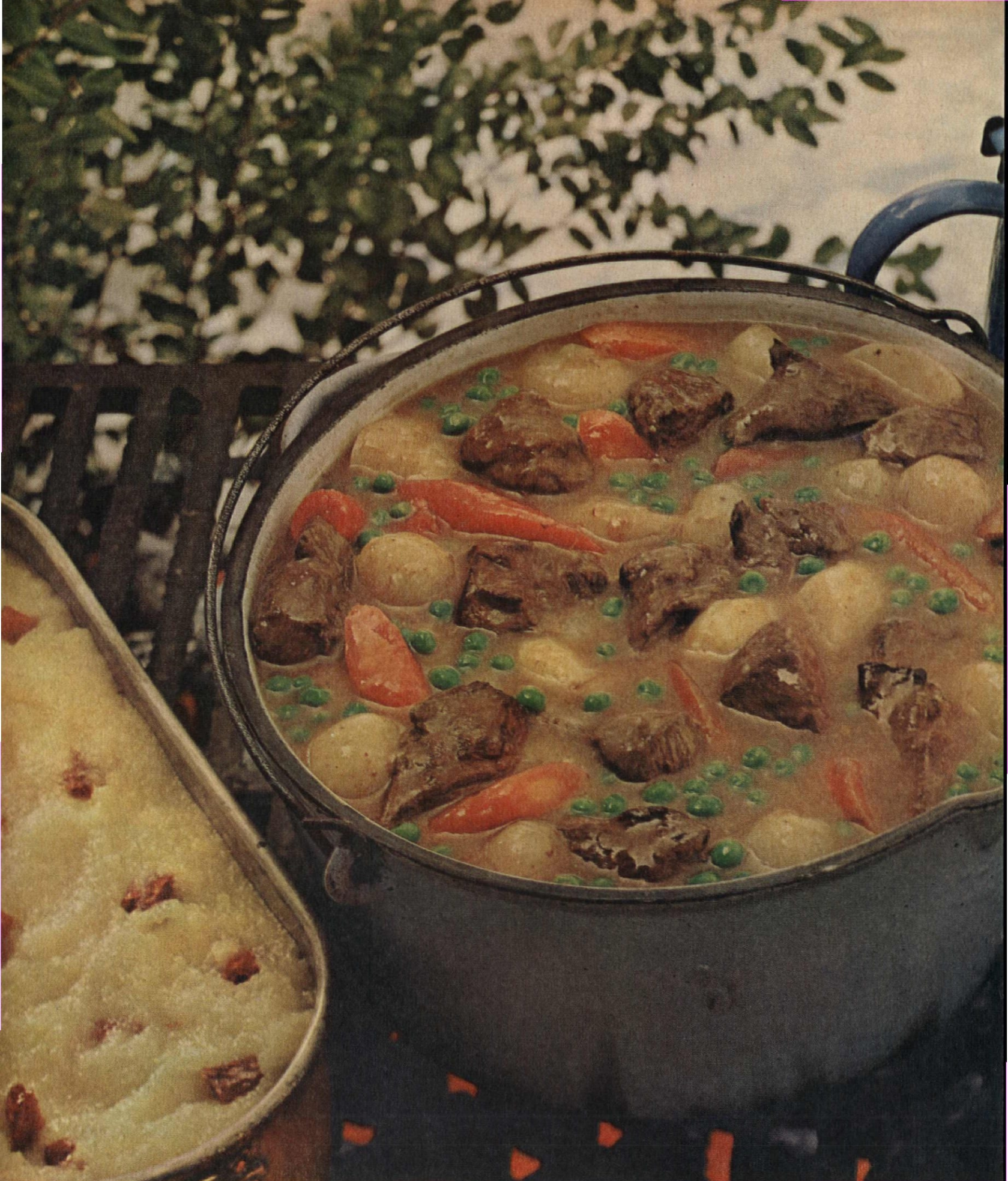
Slice rolls top to bottom in ¾" strips.



Brush the slices with butter and salt.



Place sticks in the oven and bake until golden brown. Serve either hot or cold.



BERNARD GRAY

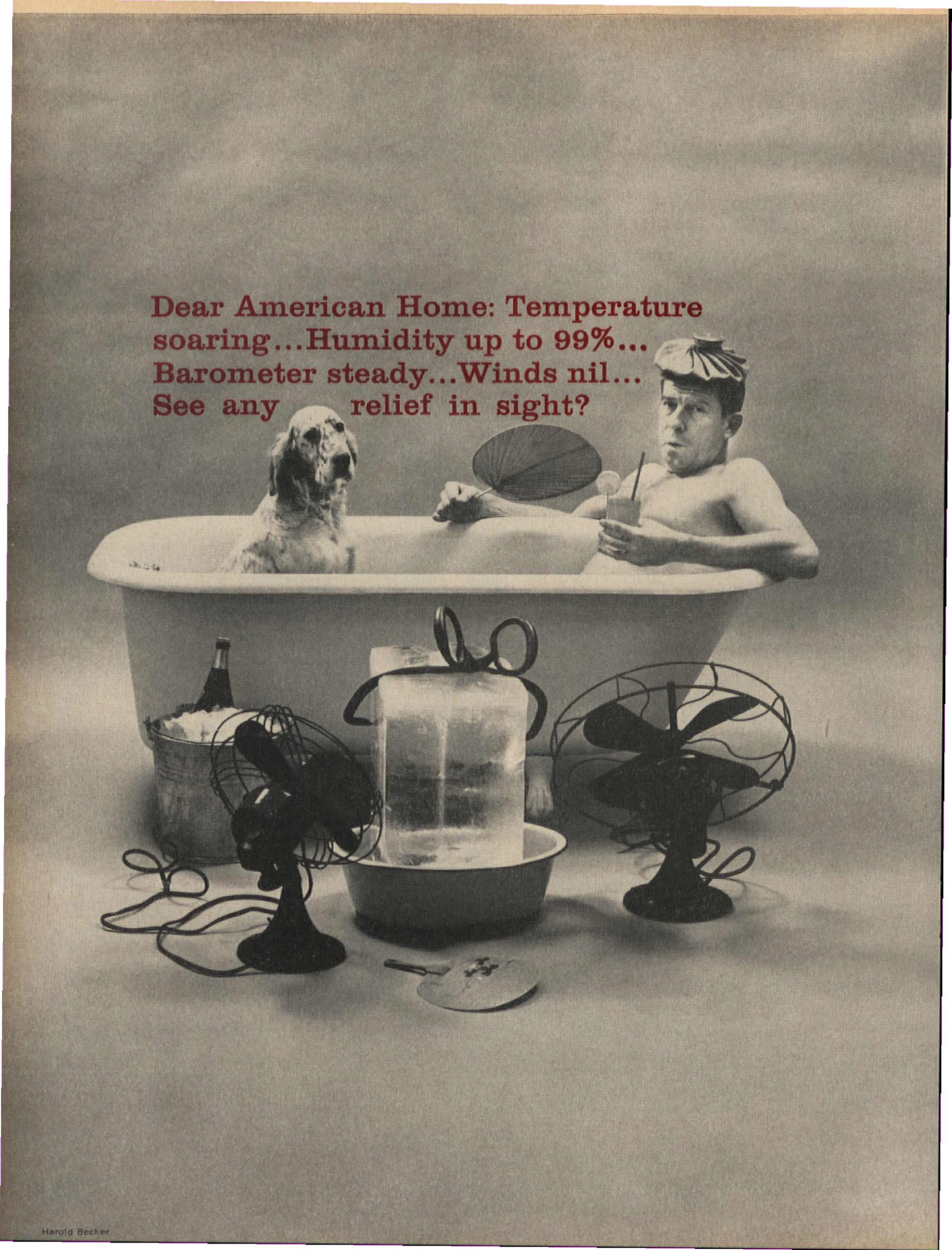
STEW—EASY FOR A CROWD

It's the mostest of a hostess who can sit down and enjoy her own party. And what could be more effortless—and delicious—than a meal that centers on a bubbling one-pot stew? Here's another



"cook now, enjoy later" dish; in this one, tender chunks of beef are lazily simmered with flavor-adding vegetables. Top off with coleslaw, dessert, and iced coffee, and you're set for a pleasant, informal evening. The first dish to think of when you're having "cast of thousands." See the quantity recipe on the preceding page.

This one-dish meal *features the following accompaniments: crisp coleslaw, seasoned bread sticks (made from hot-dog rolls), and dates in applesauce served on top of gingerbread.*


Dear American Home: Temperature soaring...Humidity up to 99%... Barometer steady...Winds nil... See any relief in sight?
Harold Becker

THESE ARE THE QUESTIONS READERS ASK ABOUT

AIR CONDITIONING

We're planning to buy an $18,000 house and the builder suggested installing central air conditioning. Isn't it too expensive?

No, not any more. There was a time when investment in central air conditioning was out of line with investment in a medium-priced house. But recent developments have brought the price down considerably. New houses of 1200 square feet ($15,000 to $20,000 price range) are now being completely air conditioned for $850 to $1200 added to the price of the house. Mortgage payments are increased by about $7 a month. Central air conditioning for new houses up to 2000 square feet runs from $1250 to $1500. This is the cost of *adding* it to the heating system (when building), with both systems using the same ducts.

Still lower costs are possible if the house is built for coolness. In Dallas, Texas, for instance, builders Fox & Jacobs offer a $15,000 house with complete central cooling for approximately $500 more. Mass production saves money, but the real economy is in the orientation of the house away from the sun; insulation; placement and shading of the windows; and installation of a white roof. Such measures permit use of a smaller, less expensive unit.

What happens when you buy the wrong size air conditioner?

If it's too small, the unit will be overtaxed and won't be able to keep you cool. If it's oversized, it won't regulate the humidity properly, and it'll cost more than necessary to operate.

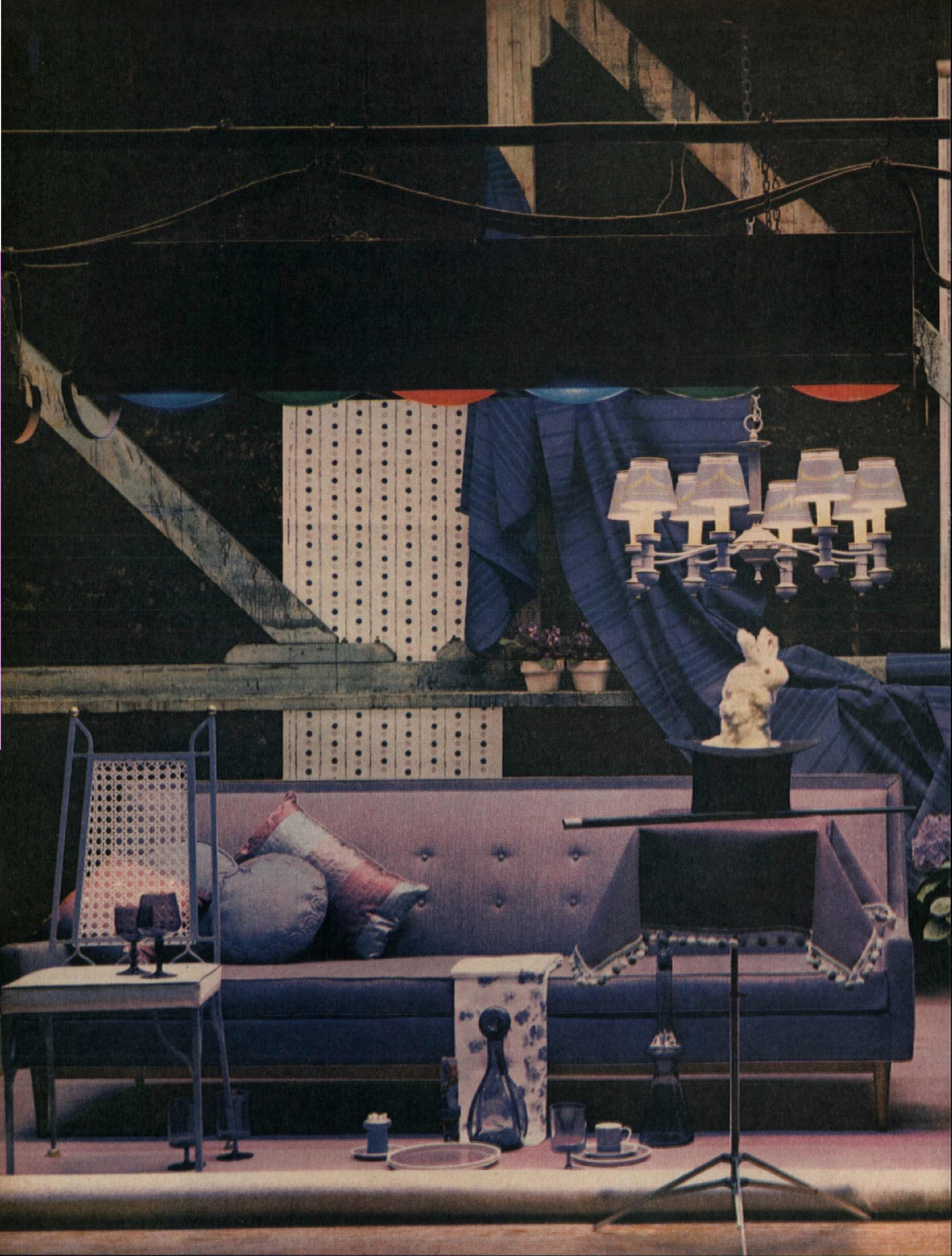
A ton of cooling is defined as the cooling effect given off by a load of ice weighing one ton, melting over a 24-hour period. The usual one-horsepower window cooler provides about ¾ ton of net cooling capacity. The average house of conventional construction generally needs a ton of cooling capacity for every 500 to 600 square feet.

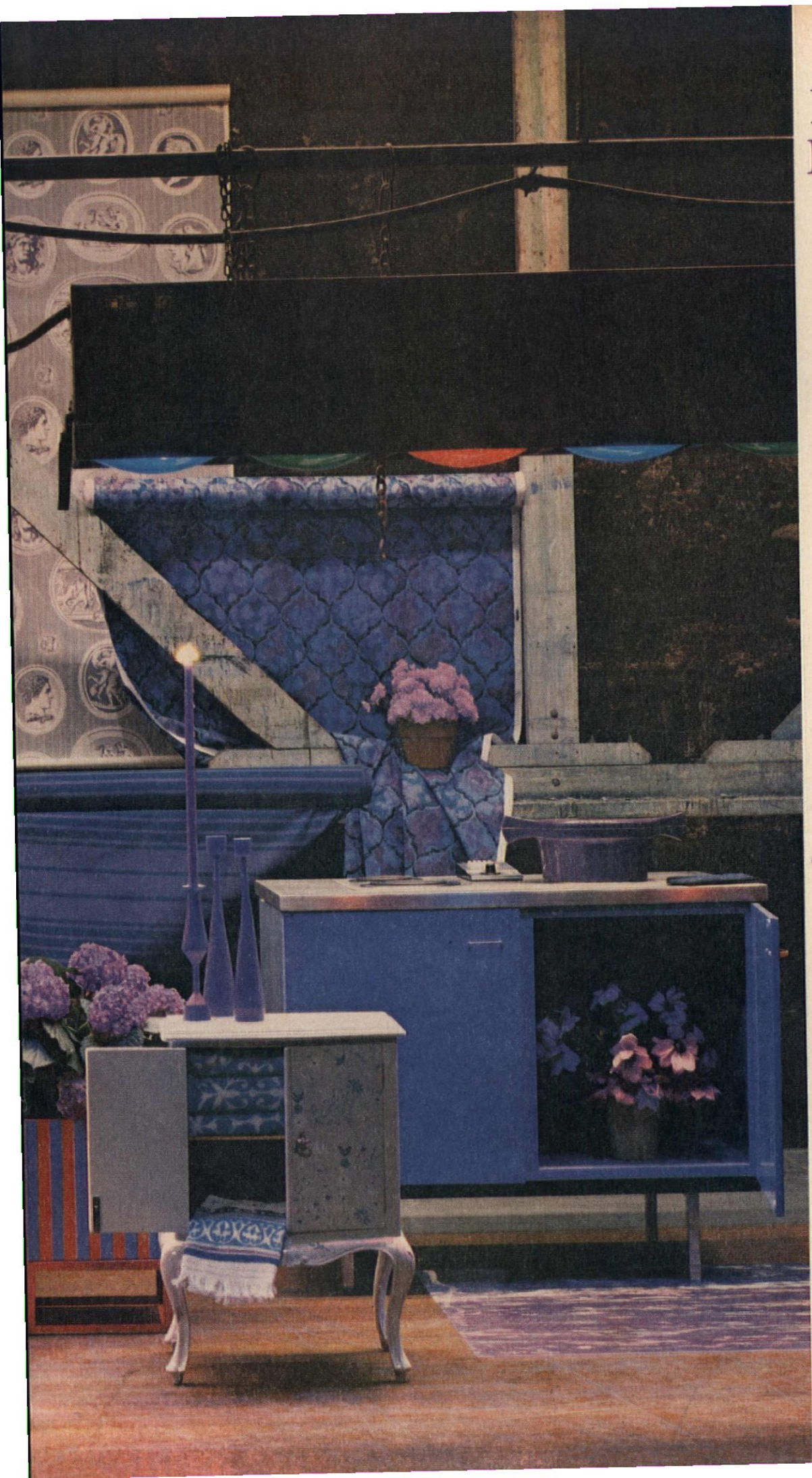
Complete air conditioning would be great, but how about operating costs?

For a summer you can figure about $20 per ton of capacity in the North, up to about $40 in the South. On Long Island, New York, for example, a 1500-square-foot house can be air conditioned with a three-ton system for $50 a summer. In Austin, Texas, one of the hottest cities in the nation, a group of 1250-square-foot houses has been air conditioned for an average of $87 per family per summer. Estimated costs for different cities across the country are shown on the following chart.

(Continued on page 50)

DATA: ARTHUR M. WATKINS





COLOR FORECAST

DRAMATIC REVIVAL: MAGIC PURPLE

ROBERT W. HOUSEMAN

Here in our stage-struck setting is a dramatic rediscovery of purple—waving its magic wand over a beautiful array of home furnishings. Women have always been intrigued with the elegance of purple—the badge of royalty and Victorian opulence. But it has not been an important home-furnishings color for the last 20 years. Now, with fresh inspiration, the strong tide in favor of purple is overwhelmingly evident.

The color itself is a bright, slightly blue purple with intensity and depth. Use purple with exuberant lightheartedness instead of the heaviness of past eras. Use it extravagantly in broad areas such as flooring, sofa covering, draperies, or as simply and quietly as a nosegay of violets. Purple can be a handsome background for eighteenth- and nineteenth-century antiques or reproductions. It can be just as charming with the most contemporary furnishings.

(continued)

From ice buckets to luxurious sofas, *our study in purple runs the gamut of home furnishings. Study them one by one, then see how you can fit purple magic into your decorating scheme.*

Shopping Information, page 70

HAROLD BECKER

STOP! LOOK! PURPLE AT WORK

Our favorite color is used in this charming living room of a decorator's home

Decorator Harry Gladstone, A.I.D., is a master at combining the old and the new and embellishing the finished scheme with fresh, lively color. His home was originally a drafty barn but with the advantage of space. The fireplace wall and flanking bookshelves were the first steps in the glamorizing process. Then to create further architectural interest, a louvered Dutch door with traditional hardware was added. Next the walls—the too-rustic look was overcome by light-colored paint. Two walls were papered in white grasscloth shot through with threads of blue.

Lavender-blue was used on the high beamed ceiling to set the color mood. The patterned fabric on the lounge chairs is a fresh combination of purples and blues on a background of white. Notice, too, how touches of purple are used to emphasize the color scheme—the violet hearth rug, the lavender cover of the small settee at the table, and the background in shaving-mug cabinet.

(continued)



***Purples, blues, and white** are used with an airy touch to balance the heavy architectural structure of this remodeled home. The combination of old cherished possessions and traditional furnishings establishes the personal taste and excellent decorative flair of the owner.*

GEORGE SZANIK



(continued)

The old brass bed gives the room a look of the past. With its colorful dressing and tailored pillows, it gives additional charm to the setting. Notice how beautifully the colors tie in with the painting above the bed.

The final decorative touch is the arrangement of pictures and accessories collected over the years with loving care, but set unexpectedly on a high shelf with disarming casualness.

IF YOU WANT THE MAGIC OF PURPLE IN YOUR HOME, by all means have it!

Purple is wonderfully flexible, with unlimited contrast possibilities. Use it with fern green, turquoise, and almost every shade of blue. With red it is especially dramatic, but for those who love to experiment, touches of purple with bright orange can be absolutely exciting.

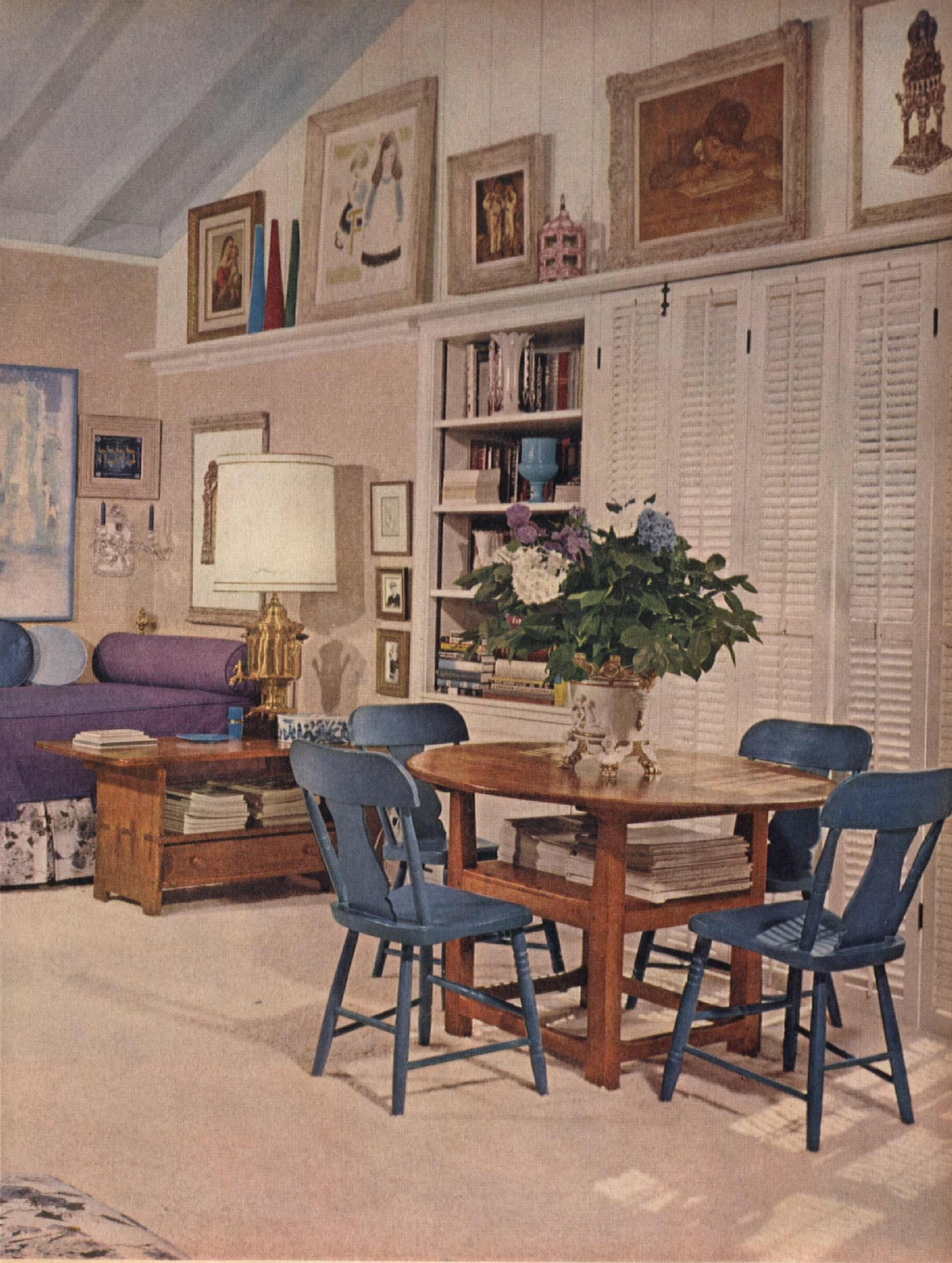
There was a time, years ago, when purple was a heavyweight color, opulent in its plushness, but gloomy too. The new way with purple is pure fun, used with a lighthearted flair.

The recent arrival of purple home furnishings in stores everywhere makes a splash of our forecast color easy to come by. In addition to the items shown on our purple stage setting, many other manufacturers have been quick to interpret shades of purple in everything from old-fashioned calico fabrics to marbleized vinyl tile to a wonderful array of accessories. Sheets, towels, bedspreads, and summer blankets are scattered with purple pansies. You can buy fanciful outdoor furniture in purple wrought iron, a gay and unexpected color for summer living. And with it, a patio umbrella covered with extravagant purple flowers, so beautiful against a blue sky.

Let purple work decorating magic in your home. Start with small accents of violet or purple and let your appetite grow!



***To take advantage of its spaciousness,** this room is arranged for many uses. The handsome brass sofa-bed accommodates an overnight guest and, with its purple and blue colors, is a bright focal point. Round pine table and blue painted chairs are used for dining or games; magazines store on a shelf beneath the table.*



GRETCHEN HARSHBARGER

DAYLILIES MAKE THE LAZY GARDENER LOOK GOOD

You can count on these hearty perennials for marvelous masses of color all through the summer, year after year, with almost no care

Daylilies (botanically called Hemerocallis) are almost too good to be true. They are extra hardy, easy to grow, with varieties adapted to climates of every part of the U.S. Blossoms are breathtakingly beautiful, borne in profusion, in almost any color you want. You can get them in yellow, orange, pink, red, or various combinations—anything but blue or white. But these aren't the only reasons gardeners love daylilies. Look at these additional remarkable characteristics:

- Season of bloom is astonishingly long—from spring until autumn, if you're clever about choosing varieties and include early and late kinds. Individual plants may flower continuously for a month to six weeks.
- They're at their best during those broiling summer days when most gardens (and people) are weary and wilted. They actually like heat! Blossoms open best on warm days, and stay fresh-looking.
- Though each blossom lasts but one day, this is a benefit! A succession of buds, opening in sequence, provides new sets of flowers each morning and gives a radiant new look to the garden.
- Heights of plants range from 18 inches to 5 feet, so you can choose low ones for the front of the border, tall ones for background, and middle-sized ones for in-between.
- Even out of bloom, plants are attractive because of their foliage. Leaves grow in fountain form.
- Daylilies are so tough and durable that they come as close to being foolproof as any garden perennial. Their thick roots store food and moisture which help them survive prolonged drought or neglect.

(continued on page 72)

JOHN ROCHE



***Colors and patterns** abound. For snappy petal markings try 'Mikado' (above), 'Flamboyant,' 'Marionette,' or 'Cathedral Towers.'*



***Yellows are favorites** because they make the garden look so bright. There are hundreds from which to choose. This one is 'Wau-Bun.'*



***Some bicolors,** like 'Su-Lin,' here, are dainty. Others are bold—'Jean' flashes in gypsylike red and yellow, 'Howdy' winks in yellow and purple.*

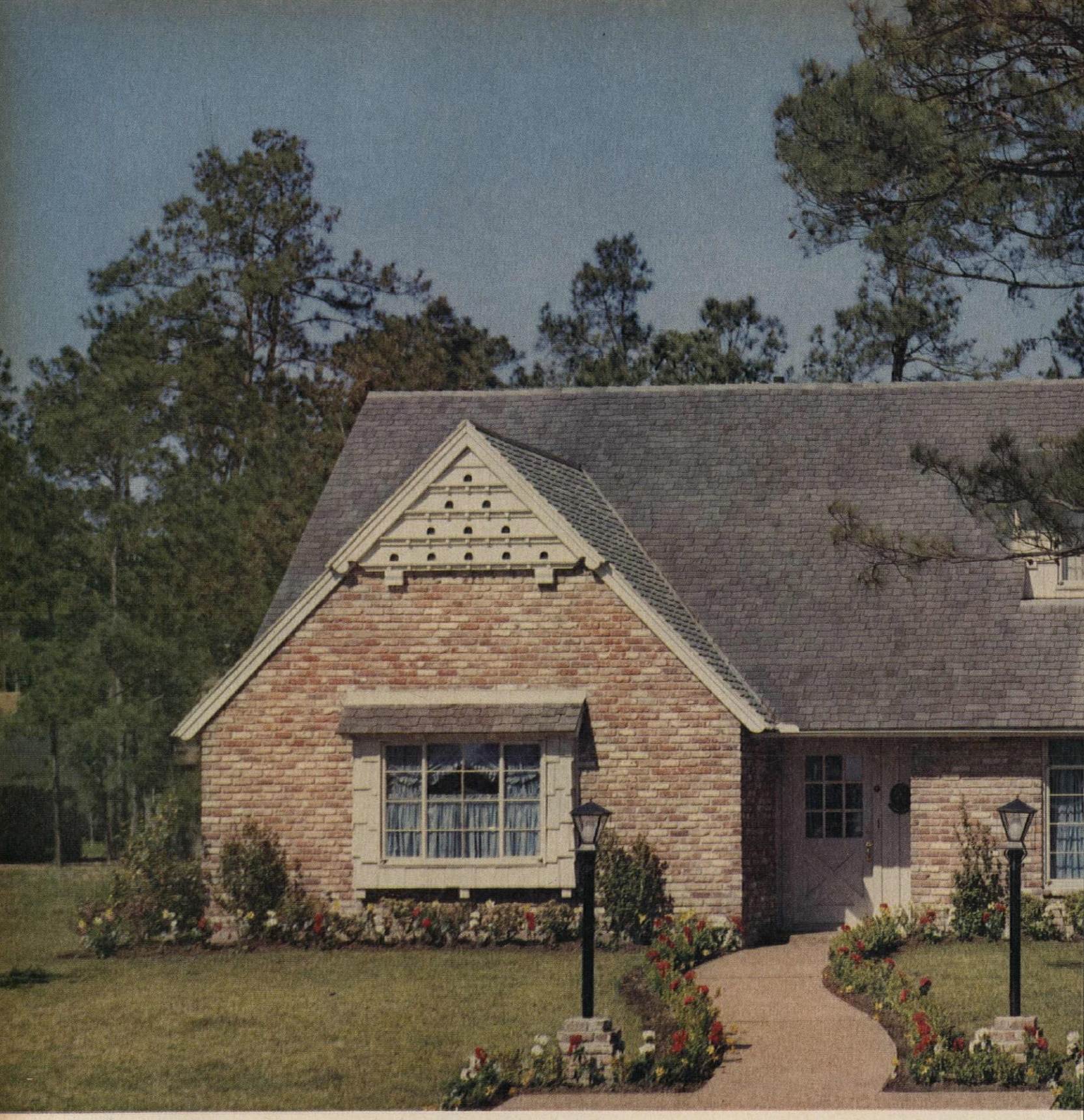


***The reds are vivid!** This is 'Sachem.' Noted for prolific bloom are low-growing 'Crimson Pirate' and taller 'Mabel Fuller' and 'Mrs. Hugh Johnson.'*

***This is the traffic-stopping border** of daylilies planted along the street at the author's home in Iowa. ▶ It's made up of four varieties that bloom in sequence all summer. Each is in a row the full length of the border. The one in flower (on plants set the previous summer) is 'Midwest Majesty.'*

GRETCHEN HARSHBARGER





EDWARD A. BOURDON

HANDSOME AND HOMESPUN

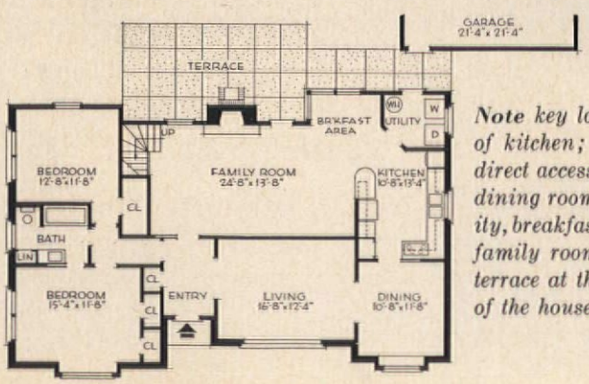
Behind the purely traditional appearance of this house, you'll find a plan that's as comfortable as a cushion and as modern as the day after tomorrow. In fact, the plan is one of the best we've seen. Focusing on the family room, all paths lead to the hearth: the front entry, the stairs from the second floor, the terrace at the back of the house, and the kitchen—via a sunny breakfast area.

It's an ideal home for a large family (with lively children, there's real isolation-insulation value in a two-story house). In 2554 square feet, there are four bedrooms, two baths, a family room (continued)

Here's cottage charm in really generous proportion—with blueprints you can order!

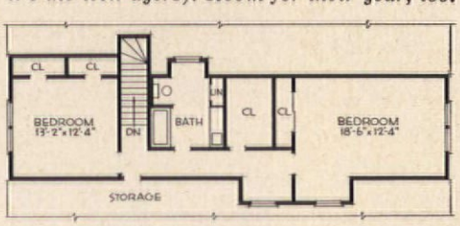
Pink brick, rough-sawn siding, *and cedar shingle roof have textures that go so well together, the house seems to have been there forever.*

To welcome guests, the winding, pebbled walk is lighted at night by two carriage lamps; "pedestals" of pink brick serve to brace the posts.



Note *key location of kitchen; it has direct access to the dining room, utility, breakfast area, family room, and terrace at the rear of the house.*

A parents' dream—*enough space upstairs for the noisiest children (in some families, it's the little ones; in others, it's the teen-agers). Room for their gear, too.*



BUILDERS: CANTRELL AND MC MILLAN
INFORMATION: ROSEMARY WEATHERRED

BLUEPRINT HOUSE #65. ORDER FORM ON PAGE 53

PHOTOGRAPHER: WARREN REYNOLDS DECORATOR: DOROTHY DAHLBERG

This Blueprint House Was Designed for Family Living

(continued)

that's even more spacious than the living room, a separate dining room, a compact utility room adjacent to the kitchen, and quantities of well-placed closets and storage areas.

The unusual kitchen-family room L has the expansive charm of the farmhouse kitchen of 100 years ago—it's brighter now, though, and far easier to work in and keep clean. Most of the furnishings shown here, including the tablewares and accessories, are authentic reproductions of Early American, Pennsylvania Dutch, and other provincial pieces, readily available in stores.

The terrace is in the best, most logical location for this house. The barbecue grill backs up against the fireplace, and is convenient to the family room and kitchen. The other door onto the terrace, from the utility room, leads directly to the garage, under a covered walkway.

This house was built in Houston, Texas, but it would be right at home anywhere in the country. Early American, as loved by us later Americans, is a style devoted to solid comfort and simple, unpretentious beauty.



***Early American** decorating creates unity between an at-home family room and a last-word kitchen. The doorway to the utility room, on an angle, allows for wider passage between the kitchen and the breakfast area.*

(continued)

Shopping Information, page 70

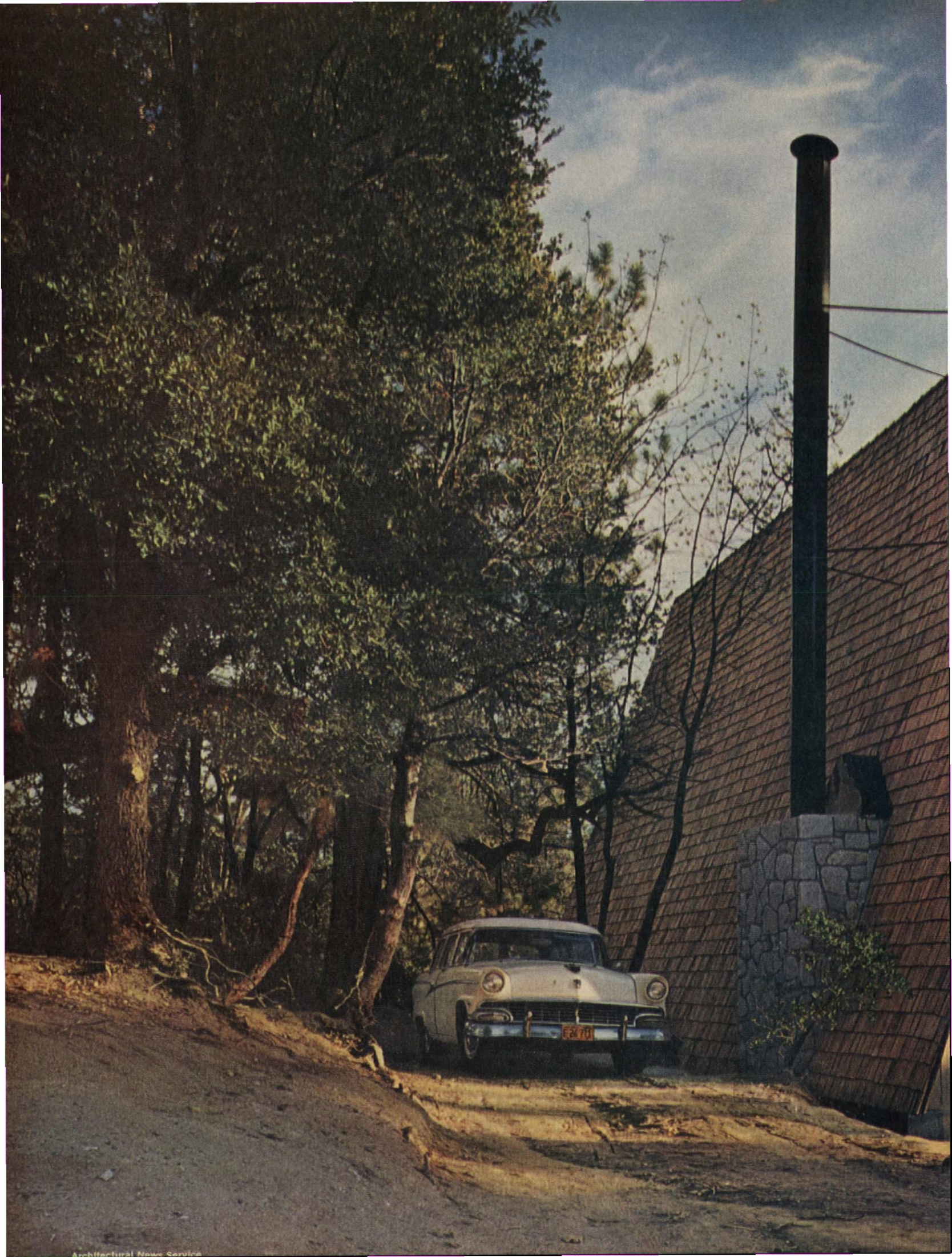




The windows in the breakfast area *are lightly curtained for the most sun possible—to shine on the honey-and-molasses colors of the woods and sparkle through the jewel-like reproductions of antique colored glass. The blue of the traditional color scheme (taken from the documentary-print wallpaper) is repeated in the tile. The counter projecting in the foreground facilitates serving here, and on the terrace.*



***The fireplace draws a magic circle**—everyone just naturally gravitates to it. Filled with a fan or green leaves, a fireplace can seem a cool oasis in summer. The old pink brick here matches that used on the exterior of the house. The wall paneling, exposed overhead beams, shutters, furnishings, and floor are all handsomely finished; they blend with each other to create a richly traditional setting.*



Architectural News Service

HOW TO BE A TWO-HOME FAMILY —AND LOVE IT

Have you found the perfect spot for that hideaway vacation house you have always dreamed about? Then why not stop dreaming and start building? We bring you a collection of vacation houses ranging from a modest one-room cabin that you can put up yourself to the elegant house at left. It's an "A-framed" mountain retreat that has about everything you could wish for in a vacation home. It is dug into the north slope of Lake Arrowhead, a three-hour drive northeast of Los Angeles. From the giant windows you see here, there is a sloping pine-studded view of the lake. House is equipped for summer or winter, with heating plant, fireplace, kitchen, two bathrooms, and four bedrooms.

(*continued*)

SEE PLAN ON PAGE 66

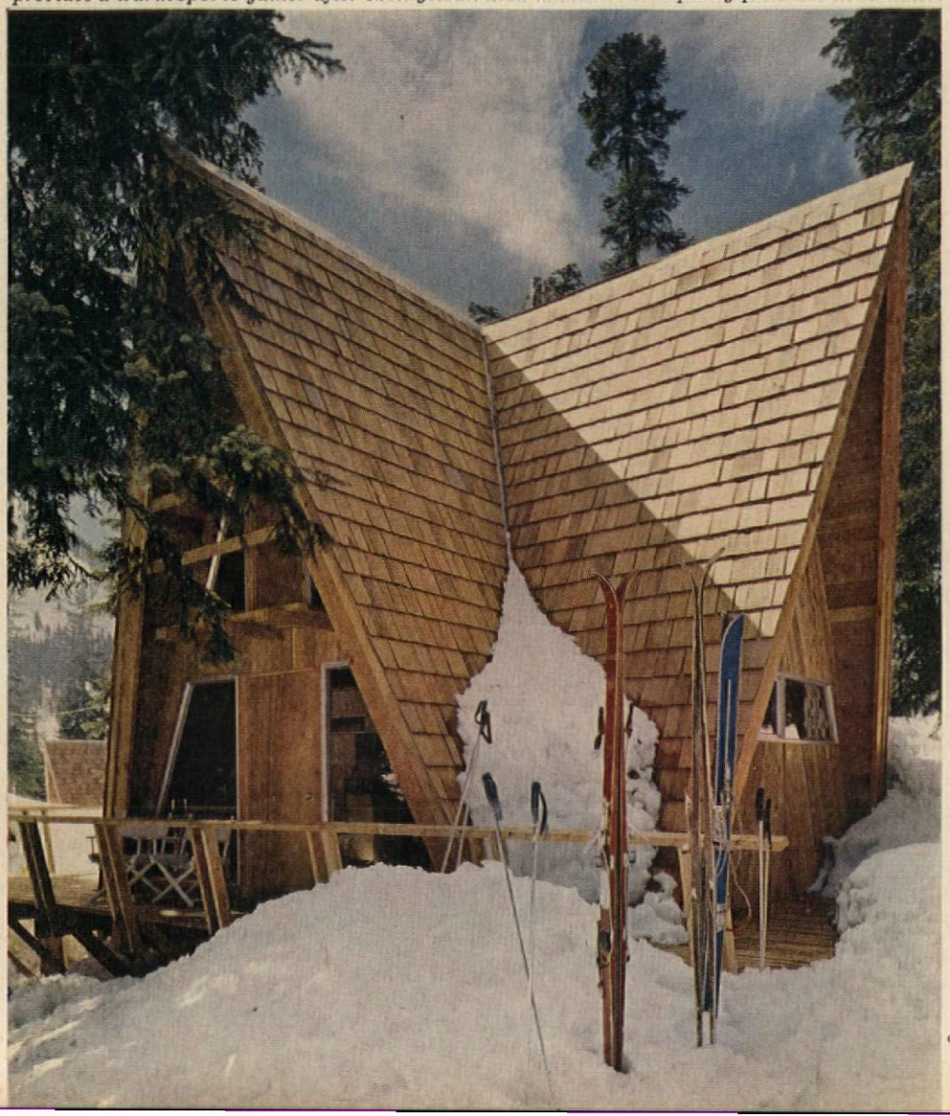
Summer or winter, these are ideal vacation houses

LOUIS REENS



***Forest hideaway**, near Concord, Massachusetts, has plenty of cool shade. It's a two-bedroom, heated cabin which can be built for about $7500.*

***Handsome ski lodge**, near Seattle, is roomy and costs about $5000 to build. Fireplace inside provides a warm spot to gather after skiing. Sun deck makes house equally pleasant in summer.*



CHARLES PEARSON

(continued)

These rooms are divided among three floors, the topmost reached by ship ladder. Under the sun deck, there's a utility room and space for storing a medium-sized boat and trailer.

The cabins you see on this page are considerably less elaborate, yet sacrifice not a whit of charm. Both are fitted out for summer and winter. The house above, a Techbuilt model constructed with prefabricated panels, costs $7500 to build—a price that includes professional labor, a fireplace, kitchen, and heating plant. It's located in Concord, Massachusetts.

The three-wing ski lodge, left, is in Stevens Pass, a wonderful vacation area high in the Cascade Range, 95 miles east of Seattle, Washington. It costs approximately $5000 to build, and could house a family with two children comfortably.

If you've been thinking about building a vacation home, the houses here and on page 69 show you the remarkable range and variety available. Some further points you should know before you build your own dream house are explained on pages 66–69.

Plans on page 66



New!

2 SOUPER BARBECUE SAUCES

You make 'em with Campbell's Soups . . . brush them generously on your favorite meats while they cook. M'm! M'm! Good! Wonderful flavor!

1 New! For burgers, steaks and franks
TOMATO COOKOUT SAUCE

n saucepan, combine 1 can Campbell's Tomato oup, ¼ cup each sweet pickle relish and chopped nion, 1 tbsp. each brown sugar, vinegar and Worces- ershire. Cover; simmer gently about 15 min. Stir now nd then. Now you're ready to barbecue!

O BARBECUE: Place 8 large hamburgers, 2 lb. frank- urters (slit), or 6 servings of steak on grill about 6" bove glowing coals. Cook, basting with sauce and urning now and then. A tasty treat for any outdoor et-together (or indoor barbecue)!



2 New! For chicken and spareribs
MUSHROOM COOKOUT SAUCE

In saucepan, mix 1 can each Campbell's Onion and Cream of Mushroom Soups, ½ cup ketchup, ¼ cup each salad oil and vinegar, 2 cloves garlic (minced), 2 tbsp. brown sugar, 1 tbsp. Worcestershire, ⅛ tsp. Tabasco. Cover; simmer 15 min.; stir now and then. **TO BARBECUE:** Brush 4 broilers, split, with salad oil; place (skin side up) about 6" above glowing coals. Cook 15 min. each side. Brush with sauce; cook 30 min. more; baste and turn every 5 min. Use 6 lb. spareribs (simmered 1 hr.); cook on grill 30 min.



Look for other easy recipes on the back of every can.

Good things begin to happen when you cook with **Campbell's Soup**

Curtain Going Up

Right now the "straw hat" season is in full swing. In converted barns, under tents, in auditoriums all over America, amateur and professional actors are bringing the theater to appreciative audiences. The fare is varied enough to please most tastes with offerings ranging from Shakespeare to Broadway musicals.

Some areas feature "name" stars who tour the summer circuit, supported by local stock companies. In a festive and inviting atmosphere, theater-goers are treated to expertly staged productions. Working with a limited budget, the local company creates stage scenery that is surprisingly believable. A setting for a drawing room play is so charmingly decorated, it might be out of your own home. Attention to such details adds importantly to the action of the play... as it can to the daily drama in your home.

There are striking similarities between the setting of a play and that of your home. Each seeks to create an atmosphere. In the theater it is for illusion, while in your home it makes family living and entertaining more enjoyable.

Color and design play a big part in establishing the right mood. Both are easy to come by through one decorative means... Imperial wallpaper. From textures to scenics there is a wide choice for every room. The performance is just as outstanding. Imperial wallpapers are guaranteed washable and color fast. Many are modest in price. With Imperial as the background, the setting in your home is well staged. This week, see your Imperial dealer and for a delightful evening, visit a summer theater.

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Air Conditioning (continued from page 31)

How much does air conditioning cost where you live?

	CENTRAL AIR CONDITIONING		OPERATING COST		WINDOW Conditioner
	Approx. elec. rate for cooling ¢ per kw-hr	Approx. hours of operation per summer	Cost per ton of cooling capacity, per summer	Average total cost for typical 1200 sq. ft. houses (2 tons)	(1 hp.) cost per summer
Akron, Ohio	.0185 cents	600	$18 per ton per summer	$36	$13.50
Charlotte, N. C.	.02	1000	31.40	62	
Chicago, Ill.	.025	500	18	36	22
Corpus Christi, Texas	.02	3500	53	100	46
Denver, Colo.	.02	1000	25	50	
Detroit, Mich.	.02	500	12	24	7
Ft. Worth, Tex.	.02	1400	50	100	15
Kansas City, Mo.	.025	900	33	66	25
Madison, Wis.	.023	300	21	42	13
New York, N.Y.	.021	500	21	42	33
Okla. City, Okla.	.021	1000	32	64	27
Salt Lake City, Utah	.0155	750	11.50	23	8
Phila., Pa.	.018	800	20	40	25
San Francisco, Calif.	.0128	1000	30	60	28
St. Louis, Mo.	.02	1000	28	56	28
Tampa, Fla.	.015	1750	30	60	40
Tucson, Ariz.	.0165	2200	65	125	40
Long Island, N.Y.	.02	750	25	50	20

The above cost figures are for air-cooled units (no water needed), based on an average electric rate of 2 cents per kilowatt-hour. Your cost will be higher or lower, naturally, depending on whether your local electric rate is higher or lower than 2 cents. When the rate is less, air conditioning is a real buy. In certain parts of the North, electric rates are a stiff 3 cents per kilowatt-hour or more, and air-conditioning bills therefore run about 50 per cent higher than average. If you have high electric rates, it often will pay to get a gas-operated air conditioner, provided natural gas is available.

I suffer terribly from summer humidity and spend all my time next to the air conditioner in the bedroom. We can afford to air-condition the whole house, but we have two children, and I've heard constant air conditioning really isn't healthy.

It's the other way around; air conditioning contributes to better health because with it, people eat better and get a full quota of sleep, regardless of heat wave or high humidity. Rested and well fed, they're better able to resist germs and viruses. Air conditioning has even, in some cases, become a prescription for good health. Doctors consider it a must for people with weak hearts, for example, since moving around in very hot weather puts as much strain on the heart as manual labor in cool weather. Air conditioning also brings relief from allergies such as hay fever.

As for colds, according to surveys, the overwhelming majority of the more than 900,000 families who now have central air conditioning report fewer or no more summer colds since they installed cooling. Some people, to be sure, are cold-prone when it comes to air conditioning; sniffles immediately follow exposure. However, as the nationally syndicated medical columnist, Dr. Walter Alvarez, points out, such people are also apt to catch cold whenever the weather changes suddenly. The basic cause of the cold is something within the person, not air conditioning per se.

There's no way to calculate the saving in physical and mental fatigue; air conditioning can change exhausted days into busy, productive ones, when you don't even think of the weather. (continued)



GRAPEFRUIT CUCUMBER SALAD

Average Serving . . . 117 Calories

1 envelope unflavored gelatin
⅔ cup grapefruit syrup from sections
½ teaspoon salt
1 tablespoon lime juice
2 cups drained grated cucumber (3 large)
1 cup sieved cottage cheese
½ cup diet salad dressing
¼ cup minced parsley
2 No. 2 cans grapefruit sections, drained

Soften gelatin in grapefruit syrup. Heat, stirring constantly, until gelatin dissolves. Add salt and lime juice. Combine cucumber, cottage cheese, diet dressing, parsley. Add to gelatin mixture and blend. Spoon into 6 individual molds. Chill till firm. Serve on watercress with grapefruit sections. Serves 6.

GRAPEFRUIT BREAKFAST BOON

Average Serving . . . 72 Calories

1 one-pound can Florida grapefruit sections
Chill sections and serve. One 1-lb. can serves 4.

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Light on calories for cool summer eating!

Wonderful way to keep cool this summer—these delicious, low-calorie dishes made with Grapefruit Sections from Florida. They're easy to prepare, require little cooking. And Grapefruit Sections from Florida not only taste good, they're a gold mine of Vitamin C—one vitamin you need every day because the body can't store it. In grapefruit sections, you get Vitamin C *the way nature intended*—in combination with other vital nutrients and health benefits.

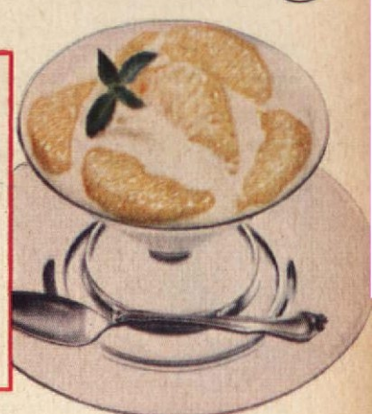
And grapefruit sections are one of the least expensive of all canned fruits—the thrifty way to get your Vitamin C. Enjoy Grapefruit Sections from Florida often!

GRAPEFRUIT SNOW

Average Serving . . . 116 Calories

1 No. 2 can grapefruit sections, drained
Grapefruit syrup from sections
1 envelope unflavored gelatin
¼ cup cold water
1½ teaspoons non-caloric sweetener solution or 12 tablets
2 eggs separated
1 tablespoon cornstarch
1 cup milk
¾ teaspoon non-caloric sweetener solution or 6 tablets
Dash of salt

Measure syrup drained from sections; add water to make 1 cup. Heat. Soften gelatin in cold water; dissolve in hot syrup. Add sweetener. Chill till mixture begins to thicken. Beat egg whites till stiff. Beat into gelatin mixture. Chill. To make custard: Beat egg yolks. Mix cornstarch with small amount cold milk; add to egg yolks with sweetener, remaining milk. Cook, stirring constantly, over low heat till thick. Stir in salt. Cool. Spoon gelatin mixture into dish; top with sections and custard. Serves 6.

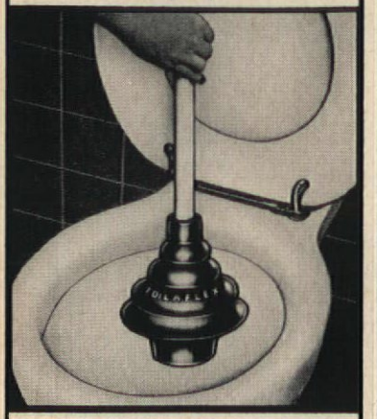


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- CENTERS ITSELF, CAN'T SKID AROUND

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(continued)

Is it harmful to go from a cool, air-conditioned house to the hot outdoors and back again?

Like stepping into a cold shower or an unheated pool, going from humid, 95-degree heat into a dry, air-conditioned room can cause "thermal shock." Similar body adjustments take place. If you're in good health, such thermal shock is not damaging, according to extensive research at the University of Illinois College of Medicine.

Even so, the reaction can, in individual cases, be strong enough to be distressing. One answer may be to make a point of staying in, once in, and out, once out. In an air-conditioned house, you can have the temperature in the foyer kept about halfway between indoors and out as a sort of decompression chamber. This arrangement would be particularly desirable for someone with a weak heart, for whereas air conditioning relieves physical strain on the heart, sudden, sharp changes of temperature are not good for it.

Mothers worry about children running in and out of air-conditioned homes. This tends to be less worrisome in practice than in theory. During ordinary summer weather, the temperature spread between indoors and out is not usually wide enough to cause concern. During a heat wave, children are too smart to go out; they stay indoors with the air conditioning and don't get overheated in the first place.

When we moved north to Buffalo, I thought our only problem would be keeping warm in winter. But after one summer here, I want the whole house air conditioned. It seems extravagant, but after all, if you're hot, shouldn't you do something about it?

Weather Bureau records show that it gets just as hot in much of the North as in the South. New data on the Temperature-Humidity Index (THI) shows that air conditioning is warranted almost everywhere in the country.

The THI is figured this way: Add the outside temperature and relative humidity, multiply the total by .4, and add 15. For example, suppose it's 80 degrees outside and the relative humidity is 60 per cent; the total, 140, multiplied by .4, equals 56; add 15; you have a THI of 71. About 10 per cent of us begin to feel uncomfortable when the THI rises to 70. About 50 per cent of all people suffer discomfort when it hits 75, and when it's at 80, nearly everybody suffers.

During July and August of 1959, average local THI figures at noon reached 73 to 76 throughout much of the North and Midwest, including such cities as Hartford, Chicago, and Minneapolis. Things are even worse in midafternoon, so air conditioning in some form is worthwhile in most parts of the United States, not just the South.

Many other benefits, in addition to cool air and relief from dripping humidity, result from air conditioning. These include elimination from your home of outside dirt, pollen, smog, traffic noises, and airplane noises (a real blessing if you live near a jet airport). You save on cleaning and redecorating bills, and there's a good chance you'll be paying the doctor less, too, as we've already discussed.

The advantages of clean air are especially appreciated by people who live in cities with notable air pollution problems. This table shows the tons of dirt (sootfall) per square mile per month of a recent year, according to the U.S. Public Health Service.

TONS OF DIRT
(Sootfall)
PER SQUARE MILE PER MONTH

Detroit	153 tons
Charleston, W. Va.	128
Chicago	124
Los Angeles	118
New York	108
Philadelphia	83
Cincinnati	78
Kansas City	65
Portland, Ore.	64
Alberta	61
Washington, D. C.	58
Houston	57
Minneapolis	53
Ft. Worth	49
San Francisco	46
Salt Lake City	24

A couple of years ago I had an estimate made on air-conditioning our house. One look at the high ceilings, long halls, and loose fit of the windows, and the dealer named a fantastic figure. We love the house, but the summers seem to be getting worse. Is there any solution for us?

Another estimate at this time would likely give you a lower figure; new cooling units have been developed to meet the installation needs of virtually every kind of house. Some old houses lack insulation, but it can usually be blown into the walls easily and economically. (Those loose windows are costing you money; if you have cold winters, insulation will pay for itself in fuel savings and added comfort.)

In existing houses with warm air heat (and 3 out of 4 houses having

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any kind of central heat, have this kind), central air conditioning will cost about $1000 to $1400 for 1200 square feet. For old houses up to about 2000 square feet, the cost runs $1450 to about $1650.

With hot water heat, electric heat, or no central heat, total installed costs will run $500 to $1000 more for central air conditioning, since new ducts will be required. If ductwork would be too expensive, use separate, through-the-wall conditioners, or room units, at $200 to $350, depending on size.

A potential problem, especially in an old house, is inadequate wiring. An electrical capacity of 220 volts and 100 amperes is required.

We've held off on central air conditioning because I don't like the idea of being sealed in.

Fixed sealed windows are no more necessary for central air conditioning than they are for heating. When the air conditioning is operating, however, windows should be shut. This guarantees that room temperature will be kept constant with the least strain on your equipment.

Don't worry about stale air; outside air continually leaks into every house. This "infiltration" air provides the equivalent of a complete air change every two to three hours. On days when air conditioning isn't needed, you can throw open the windows to let breezes in.

Architects frequently specify some sealed window glass in houses designed for air conditioning. You don't have to accept them, but they may reduce construction cost compared with using all operable windows.

If you want guaranteed fresh air at all times, you can ask for an inexpensive outside air duct connection for your equipment. It permits the air conditioner to draw in fresh, outside air continuously. But unlike outdoor air blowing freely in windows, the controlled air pulled in through the special duct is filtered, cleaned, cooled, and dehumidified before being circulated in your home. The same duct connection can also draw in fresh air in winter. This air is then heated before being circulated.

Is it true that air conditioning should not be kept more than 12 to 15 degrees cooler than outside?

Research sponsored by the American Society of Heating & Air Conditioning Engineers has proved conclusively that, regardless of outside temperature, 75 degrees is the ideal temperature for exposure of more than three hours. The longer you are exposed to air conditioning at any one time, the more coolness your body needs.

When we first enter a cool store or restaurant, most of us would like the inside temperature at a mere 80 to 85 degrees, no more than 15 degrees lower than outdoors. The longer we stay, the more our bodies adjust. After two or three hours we "stabilize," and indeed require just about 75 degrees; if it isn't this cool we won't be comfortable. That 80 to 85 degrees we'd have liked at first would now feel almost as hot and muggy as outdoors.

Most offices and homes are cooled to 75 degrees, the temperature that seems to satisfy nearly everyone.

When you get air conditioning you should therefore insist on a large enough unit to maintain indoor temperatures at around 75 degrees. This usually means an air conditioner should be capable of reducing indoor temperatures 20 to 30 degrees lower than top outdoor temperatures. Don't settle for a unit that will only reduce 12 to 15 degrees. This mistake is the cause of one of the biggest problems with home air conditioning: undersized units. Many a home owner thought that was all he needed. Later he found that such a unit was too small to cool adequately, particularly when a heat wave struck.

Final adjustment of the thermostat is, of course, up to you.

THE END

BLUEPRINT ORDER FORM

(PICTURED IN COLOR ON PAGES 40 AND 41)

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Return to Yesterday (continued from page 13)

ledges along the canyon walls and the 45-mile line was completed in less than a year.

Biggest Bargain in the West

The little railroad that has managed to survive slides, the decline of the mining industry, financial panics, and the loss of freight and passengers to the "Million Dollar Highway" that parallels—but can never equal—its route to Silverton is the greatest tourist bargain in the West today. For $5 round trip ($4 for children 15 years of age and younger) you can see for yourself what the San Juan wilderness was like in the 80's. There are no billboards, no roads, and few people. There are the same snow-capped peaks, the white river below the roadbed, the aspen and pine forests, the great spruce-covered slopes, and the snow-fed waterfalls sparkling in the sunlight of the high country.

And throughout it all you have the wonderful feeling of discovery; you ride in the same coaches, sit in the very seats occupied by miners and prospectors who saw this country when it was new. You haven't been tourist-trapped into an overpublicized come-on; you've come upon an authentic Western adventure that has survived long enough for you to *experience* it.

Conductor Al Lyons, who has been on the Silverton longer than most people can remember, will tell you how near the line came to extinction. By the end of World War II, only one or two "mixed" trains (carrying freight and passengers) were running each week. The only passengers were a few miners, ranchers, an occasional Indian, and a few rail fans who wanted to ride the last narrow gauge before it died. Rail fans spread the word and, in the summer of 1947, 3400 passengers rode the train. In 1954 business grew to nearly 15,000 and, with enthusiastic tourists telling the folks back home, 35,000 people rode the Silverton last summer.

Early this year the future of the little line was assured when the Helen Thatcher White Foundation purchased the branch from the Denver and Rio Grande. William M. White, a Pueblo, Colorado, banker and industrialist, organized the foundation to preserve Colorado's historical assets. The Silverton will continue to roll. You and your youngsters and generations to come will have a chance to see country otherwise accessible only by pack trains.

The Taste of Adventure

At 9:15, the conductor and brakeman sing out "Bow-awrd!," the whistle blows, the cars lurch as the slack is taken up in couplings, and the Silverton rattles out of the yards. As the train crosses Main Avenue, passengers return friendly waves from merchants and townspeople.

At Hermosa, 11 miles north of Durango, the little engine settles down to the serious business of climbing the mountain to bypass a box canyon. Tourists taste the beginning of adventure as the train starts to wind around 24-degree curves into a roadless area as magnificently raw and rugged as it was when 18th-century Spanish explorers discovered it. The pace is slow but relentless.

On the right, the Animas River, fed by streams carrying the run-off from snow melting on 13,000-foot peaks, becomes a fast water torrent within a stone's throw of the tracks. The train climbs above the river and passes the Golden Horseshoe, a dude ranch that has often served as headquarters for movie companies.

Conductor Lyons points out stretches of track where some famous Indian attacks have occurred—all of them by movie Indians. But in the 78 turbulent years of its existence, the road has withstood real attacks from nature: avalanches thundering down the walls of the canyon and burying the tracks under 40 feet of snow, flash floods, and rock slides that dammed the river, forming a lake that submerged the tracks.

Just north of Rockwood, an old timber camp, the train climbs out onto a narrow ledge known locally as the "high line." The narrow tracks take up every inch of the precarious shelf blasted out of the canyon wall. In spots the ends of the ties are only inches from the edge which drops 1000 feet. Chugging steadily along, the Silverton drops down to the river valley to cross and recross the stream wherever it can find firm footing.

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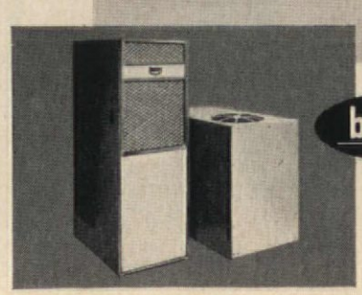
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The Only Way Out

None of the settlements north of Rockwood is accessible by highway. Tacoma, site of a power generating plant, has a year-around population of "17, more or less." Beyond Tacoma the train pauses briefly at the colorful Ah! Wilderness Guest Ranch which has the narrow gauge as its only link to the outside world.

In the next eight miles—or at about 11:30, if the Silverton is on time—you are in the Needle Mountains where there are more peaks over 13,000 feet than anyone has bothered to name. At Needleton, once a flourishing mining camp, the little train stops to let off fishermen and mountain climbers and to take on water—one of four tank stops in its climb up the beautiful canyon.

The Silverton begins to roll through a wilderness passengers hardly believe still exists in the United States. Several beautiful waterfalls cascade down the mountains on both sides of the tracks. Though it's only 12 miles from Needleton to Silverton, it takes the train an hour to complete the run. It was in these last dozen miles that the road fought its fiercest battles with the elements. From February to May in 1932, the line was buried under slides 45 feet deep. It took a snow plow and a work crew 32 days to fight its way to Silverton. Since the train now runs only until late September, bulldozers are hauled in on flatcars in early spring to clear rock slides and the tracks are checked and repaired for summer operation.

Welcome to Silverton!

At 12:40 the whistle echoes across the high mountain valley—elevation 9300 feet—where Silverton awaits your arrival. As you pull in, Conductor Lyons announces that you have two hours for lunch and sightseeing. Half the town (population 1000) turns out to meet the train, including the manager of the Grand Imperial Hotel with his handle-bar mustache, frock coat, top hat, and diamond-studded walking stick. With him is the Imperial's hostess, wearing a hat of ostrich feathers and a sequin-trimmed dress that glitters in the sunlight.

Suddenly a shot rings out on Main Street, and a fair maiden rushes out of the Bent Elbow saloon screaming, "There he is!" The outlaw heads for the train, his six-shooter blazing. He doubles back to Main Street, returning the fire of deputies who have appeared on the rooftops. But a pioneer woman on a balcony of the Bent Elbow cuts him down with a blast of buckshot and he falls in front of this famous saloon where lunch is being served.

After the outlaw has been measured for a coffin by the coroner, he is unceremoniously dumped into a box that's too small and carried off by a group of husky lads from town. Tourists with enough presence of mind to whip out their movie cameras when the shooting starts get some wonderful footage for home movies.

The crowd disperses for lunch at the Bent Elbow or for the excellent buffet dinner served in the dining room of the faithfully restored Grand Imperial. Built in 1882, the Imperial was the showplace of the silver kings. A visit to the museum off the lobby of the hotel will give you an idea of the elegance and glamour that was Silverton's in its heyday.

On the return trip, passengers try to get a seat on the right-hand side so that when they're about two miles from Durango they can see K. K. Moore race the train on his handsome little quarter horse. Every night Moore rides down to the tracks, waves, and waits until the last car has passed him. Then, rising in his stirrups, he gives the palomino her head and the race is on. Passengers hang from the windows cheering horse and rider as they flash past car after car and pass the engine before coming to the end of Moore's fence.

Moore doffs his hat in front of his Red Barn Inn. He knows that most people don't realize he's advertising his unique restaurant, and says, "That's what you call running a daily ad. The little mare and I get a big kick out of it every time."

The Silverton arrives in Durango at six and you'll be hungry. If you want to cap the climax of a wonderful day, have dinner at the magnificently restored Strater Hotel, just a block north of the depot. Don't be fooled by the forbidding red granite exterior of the hotel or the crisp white paint at the entrance of the Terrace room. The Strater is old, rich in history and romance, but restored to its spotless, authentic Gay-Nineties glory. Prices are almost old fashioned, too, and the food is superb. But whether or not you eat here, drop in and treat yourself to a peek at the décor, particularly in the Diamond Belle room. Silverton, the Grand Imperial, and the Strater—like the narrow gauge—are authentic Western experiences you don't want to miss. THE END

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ORDER FORM, PAGE 70

STEPHEN MICHAEL

Shopping Information, page 70



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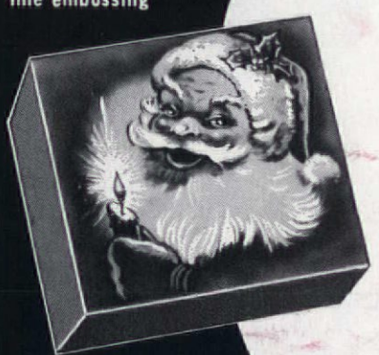
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The American Home "Best Home for the Money" Competition Presents 4 PRIZE-WINNING HOMES in the SOUTH

HUBBARD H. COBB and JOHN INGERSOLL

best home for the money

Here are four of *The American Home's* regional winners in the 1960 Best Home for the Money competition. These houses are winners in "total value," which means they were judged as much on exterior design, excellence of floor plan, quality of materials, and craftsmanship as they were on price. In each case, we specify the price and actual living area.

Match these houses against the one you're living in now, and against model homes you've visited. Consider the amount of space for the money, and the division of that space. Check for the quality of materials used. If you have a chance, go and see the one in your region; you'll find an example of first-rate construction.

These plans are all of balanced design—every household need is provided for—but study them for their special emphasis. Do they fill your needs for kitchen and dining? Family room and terrace? More bedrooms? The smaller your house and the less you have to spend, the smarter you've got to be about your use of space. Write us which house you prefer. When you choose, you're helping *The American Home* to publish (and builders to produce) the kind of house you want.

QUALITY PRODUCTS USED IN THESE 4 HOMES

Key to builders using products below:

ch—Carolanne Homes, Norfolk, Va.
ep—Eustace Pinkney, Jr., Savannah, Ga.
mc—Masterbuilders Corp., North Orlando, Fla.
sc—Superior Cons. Corp., Greensboro, N.C.

ACCESSORIES, BATHROOM: Architectural Tiling Co.—mc • Balmer & Ridgewood—ch • Hall-Mack Co.—ep • Miami Cabinet Div., Philip Carey Mfg. Co.—sc, ep • AIR CONDITIONING: Delco Appliance Div., General Motors Corp.—ep • BELLS AND CHIMES: NuTone, Inc.—sc, ep, ch • Rittenhouse Co.—ep • Victor Mfg. Co.—mc • BRICK: Boren Clay Products Co.—sc • Sanford Brick Co.—ch • Southern Block & Pipe Corp.—ch • CABINETS, KITCHEN: Boro Wood Products Co., Inc.—ch • Marsh Furniture Co.—sc • Precisionware, Inc.—mc • COUNTER TOPS: Consoweld Corp.—ep, mc • Formica Co.—sc, ep • General Electric Co.—ep • National Plastic Products—ch • DISHWASHER: General Electric Co.—sc • DISPOSER, FOOD WASTE: General Electric Co.—sc • DOORS, GARAGE: Carr Adams Door Co.—ep • Steel Door Corp.—ch • DOORS, HOUSE: Bradley Southern Div., Pottatch Forests, Inc.—ep • Construction Products Corp.—mc • Georgia Pacific Corp.—ep • Mohawk Door Co.—ch • Walled Lake Door Co.—sc • ELECTRICAL SYSTEM: Appleton Co.—ep • General Electric Co.—sc • Square D Co.—ep, mc • Walker Electric Co., Inc.—ch • FANS: Miami Cabinet Div., Philip Carey Mfg. Co.—sc • NuTone, Inc.—ch • FIXTURES, LIGHTING: Ace Mfg. Co.—mc • Globe Lighting Products, Inc.—ep • Hinkley Corp.—sc • Lightolier, Inc.—sc, ep, ch • Moe Light Div., Thomas Industries—ch • Progress Mfg. Co., Inc.—ep • FIXTURES, PLUMBING: American-Standard—ep • Briggs Mfg. Co.—mc • Crane Co.—ep • Kohler Co.—sc • National Mfg. Co.—ch • FLOOR COVERING: Armstrong Cork Co.—sc, ep • Kentile, Inc.—sc, ep, ch • FLOORING, CERAMIC: Mosaic Tile Co.—sc • FLOORING, WOOD: Bruce, E. L. Co.—ep • Cherokee Lumber Co.—ch • Harris Oak Flooring Co.—sc, ch • Higgins Industries, Inc.—ep • GLASS, WINDOW: Libbey-Owens-Ford Glass Co.—sc, ep, ch, mc • HARDWARE: Kwikset Div., American Hardware Corp.—ep, ch • Weiser Co.—ep (optional) • Western Lock Mfg. Co.—mc • Yale Lock Co.—sc, ep • HEATER (FURNACE): Airtemp Div., Chrysler Corp.—sc • Delco Appliance Div., General Motors Corp.—ep, ch • Stewart-Warner Corp.—mc • HEATER, WATER: Day & Night Mfg. Co.—mc • State Stove & Mfg. Co.—ep • White Products Corp.—sc, ch • INSULATION: Johns-Manville—sc, ch • Reflectal Corp., Subsidiary of Borg-Warner Corp.—mc • LUMBER, FRAMING: Cilco Corp.—mc • Georgia Pacific Corp.—ep • Weyerhaeuser Lumber Co.—ep • PAINT: Bruning Bros. Inc.—mc • Devoe Paint Co.—sc • E.I. DuPont De Nemours & Co.—ch • Martin-Senour Co.—ep • Sherwin-Williams Co.—sc • Valspar Corp.—ep • PIPING: Bethlehem Steel Co.—ep • Charlotte Pipe Co.—ep • Chase Brass & Copper Co., Inc.—sc, ep • Orangeburg Mfg. Co. (soil pipe)—mc • Revere Copper and Brass, Inc.—mc • Wolverine Tube Div., Calumet & Hecla, Inc.—ch • RANGE AND OVEN: General Electric Co.—ep • Hotpoint Co.—ep • Preway, Inc.—mc • RCA Whirlpool Appliance Corp.—ep • Tennessee Stove Works—sc • Westinghouse Electric Corp.—ep, ch • REFRIGERATOR: Frigidaire Div., General Motors Corp.—mc • ROOFING: Barrett Div., Allied Chemical & Dye Corp.—ch • Lloyd A. Fry, Roofing Co.—sc • Johns-Manville—mc • Ruberoid Co.—ep • SHOWER HEAD: Kohler Co.—sc • Sterling Faucet Co.—ch • SIDING: Bradley Southern Div., Pottatch Forests, Inc.—ep • Georgia Pacific Corp.—ep • Insulite Co.—sc • Masonite Corp.—ch, mc • United States Plywood Corp.—ep • SINK: Aetna Porcelain Enamel Co.—mc • Carrollton Mfg. Co.—ep • Elkay Mfg. Co.—ep • Marsh Furniture Co.—sc • National Mfg. Co.—ch • THERMOSTATIC CONTROLS: General Motors Corp.—ep, ch • Minneapolis-Honeywell—sc, ep • Robert Shaw Co.—mc • WALL COVERING: Bradley Southern Div., Pottatch Forests, Inc.—ep • Columbus Coated Fabrics Corp.—sc, ep • Georgia Pacific Corp.—ep • WALLS AND CEILINGS, INTERIOR: National Gypsum Co.—ep • U.S. Gypsum Co.—sc, ch, mc, ep • WALL SWITCHES AND OUTLETS: Bryant Electrica Co.—ep • General Electric Co.—sc • Leviton Mfg. Co., Inc.—ch • Rose Dale Mfg. Co.—mc • WINDOWS: Arnold Products Sales—mc • Atlas Aluminum Corp.—ch • Carr Adams Door Co.—ep • Heinz Lumber Co.—ep • Oettinger Lumber Co.—sc • Western Pine Mfg. Co.—ch.

Best Home for the Money in NORTH CAROLINA



CARL KINSCHERF/SIGMAN-WARD, INC.

Price: $22,000 with land • Living area: 1651 sq. ft. • Builder: Superior Construction Corp. • Designer: Jaroslav Kabatnik

A handsome façade of red brick with frosty white paneling and fine detailing around the entrance makes this home a real beauty. But beauty is more than skin deep in this prize-winning colonial home in Greensboro. The carefully thought-out plan allows the utmost in gracious living—from the front entrance clear through to the storage room off the rear terrace.

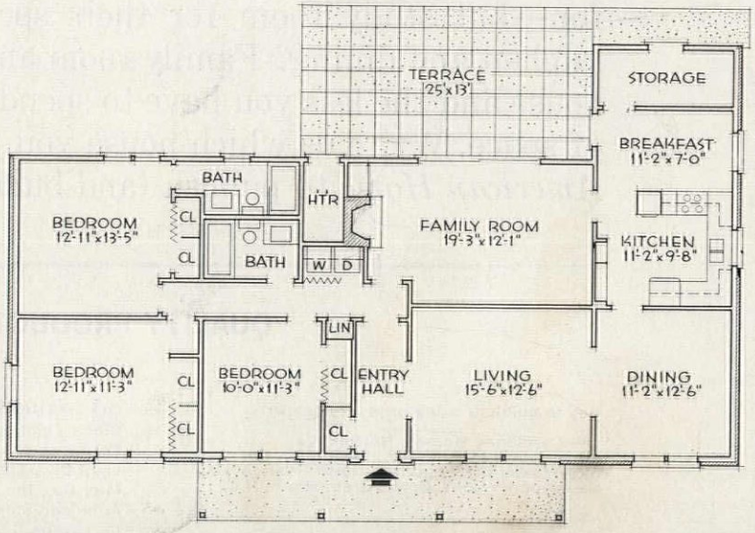
The entry hall, with its conveniently located guest closet, is the perfect introduction to this excellent plan. From the hall, the traffic pattern breaks into two distinct areas: one for sleeping, the other for living. Notice that a built-in quiet zone between the two areas is provided by partitioning for the heater, washer, and dryer at the rear of the house and by the entry at the front.

Food preparation and eating areas, too, are well integrated. The kitchen work core is convenient to both the dining room and breakfast space as well as to the family room. Yet, it is shielded from guests—a decided plus for the family which does a lot of entertaining.

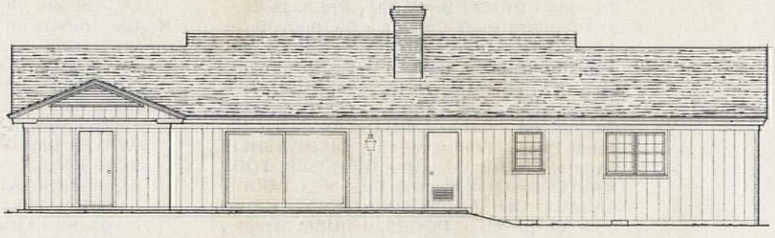
In the sleeping wing, the builder has provided three comparatively large rooms with excellent closet space. All three bedrooms are suitable for the needs of two persons. Double or twin beds, dresser, and night table would fit into each room.

At the rear of the home, the large storage room is a perfect place for garden equipment and other bulky items. Because it's convenient to the patio, it also could serve as a mud room—a real bonus when young children are running in and out all day.

More evidence that this house was designed with the whole family in mind: both adults and youngsters can entertain at the same time without disturbing each other. In fact, this house could be called "family oriented" from every viewpoint.



A carefully balanced plan helped make this house the North Carolina prize-winner. Notice how the sleeping, living, and work areas are in effect separate entities, yet they blend together into a smooth, over-all layout.



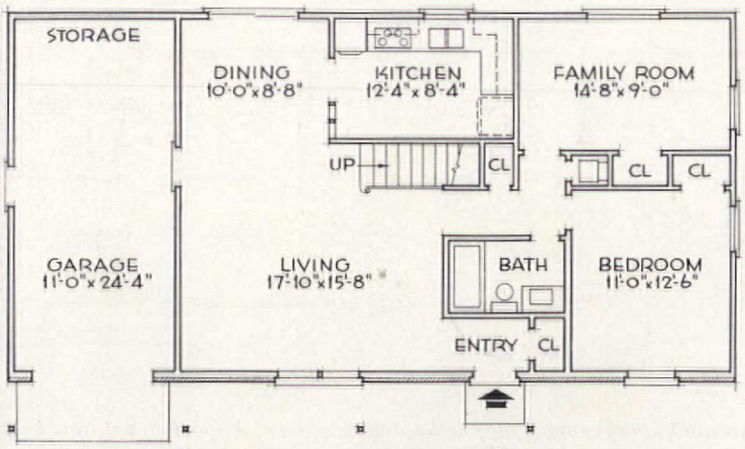
***An attractive rear elevation**, as carefully designed as the front, doesn't have that "back-yard" look. Sliding glass doors lead from the patio into the family room. Door at left leads to storage, breakfast-kitchen area.*

Best Home for the Money in VIRGINIA

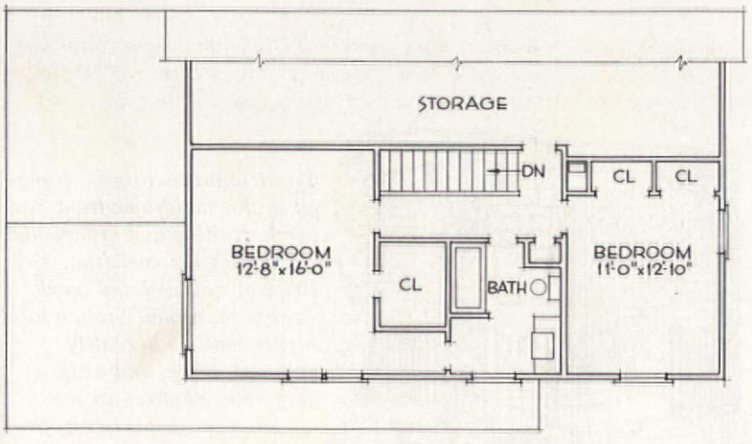


CARL KINSCHERF/SIGMAN-WARD, INC.

Price: $15,990 with land • Living area: 1563 sq. ft. • Builder: Buxbaum & Waranch • Architect: Leavitt Associates



***First-floor plan** provides three convenient accesses to home—front entry, garage, and sliding glass doors in dining room. Bathroom is well placed.*



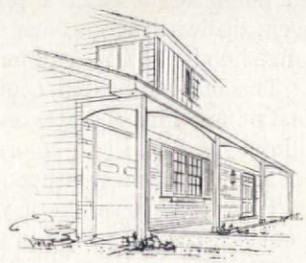
***Second-floor plan** has a remarkable amount of storage space for a home in this price class. Notice how the bathroom serves both bedrooms with equal ease.*

THIS house is located in Norfolk, where house prices are lower than average for Virginia. But even in a low-cost building area it's a good buy. It provides an amazing amount of living space for your dollar ($8.40 per sq. ft., not including land). And, if you were on a very strict budget, the builder would offer you this home with an unfinished second floor for $14,600.

If you were to buy this house, you would have the additional advantages of a finished community. These would include well-lighted and paved streets, city water, sanitary sewers, fire and police protection, schools and churches close by. Also, this winning home is one of six models, which means the community avoids looking like a row of packing boxes.

From the street, the home has a pleasant colonial-inspired façade. Inside, the two best features are its spaciousness and storage facilities. Compared to homes in and considerably above its price range, this winner has big rooms. Now look at the storage on the floor plan. In addition to ample space for clothes, coats, towels, and kitchenware, there is a huge area under the eaves on the second floor for miscellaneous items. There is storage space in the garage too.

The bathrooms are convenient to both living and sleeping areas. If there should be a need for a fourth bedroom (or a guest room) the family room could easily serve. Included in the $15,990 price are a built-in electric range and oven, a kitchen fan, and 100 amp. electrical service.



***Covered front porch** protects visitors from rain. Roof keeps living room cool in the summer.*

Best Home for the Money in GEORGIA



MARVIN CULBRETH

Price: $29,900 with land • Living area: 2504 sq. ft. • Builder: Eustace B. Pinckney, Jr. • Architect: Stephen P. Bond

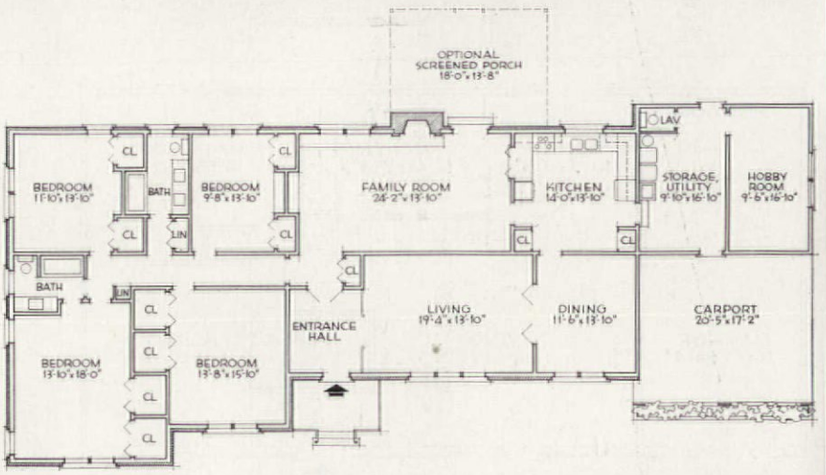
TRADITIONAL design is as natural to Georgians as breathing. This big Savannah home adapts to the tradition beautifully. It does so on the outside by drawing from the best ideas in Savannah's past (dating from 1733) and blending them harmoniously. It does so inside by keeping such colonial notions as a separate dining room and a pantry, now unceremoniously called a utility-storage room and a spacious entry hall.

There's nothing old fashioned about its livability, though. It can comfortably provide for the needs of a family with as many as five children. Even the smallest of the four bedrooms, for example, has 135 sq. ft. of floor space—enough for twin beds and a dresser. The bedrooms have been sound-conditioned against one another, since no two have a common wall. Closet space is quite generous in all bedrooms, as well as in the kitchen and utility room. And there's a broom closet in the kitchen in case you missed one in the last model house you visited.

The kitchen is well positioned. It serves the dining room and family room with equal facility, and it's only three steps from the screened porch (an optional addition for $1008). The kitchen is also well equipped. Included in the house at the $29,900 price are a built-in range and oven, dishwasher, garbage disposal, refrigerator, and a range-hood-and-fan combination.

This house is heated, cooled, and air conditioned by a heat pump which operates on electricity alone, requires no chimney or flue. Light-colored roof plus overhang keeps out heat in warm weather keeping cooling costs down.

To soften the sound of youngsters' playing, there is an acoustical-tile ceiling in the family room. This room is paneled in walnut; the hobby room, a wonderful retreat for father, is paneled in cherry.



***Ten-room home** has one of the finest plans we've seen. A spacious entrance hall leads into living room, family room, or bedrooms. The family room, large enough for many kinds of activities, is convenient to, yet separate from, the kitchen. Note that utility room has a lavatory, can serve as a "mud room."*



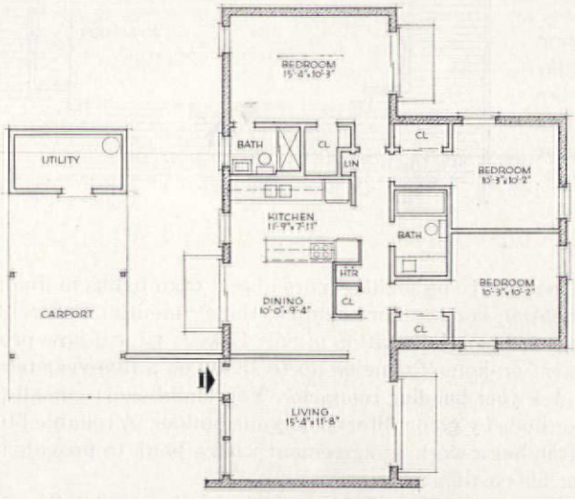
***Traditional feeling** is strongest in this handsome front porch. Railing and ornamental grille work are cast iron. Brick on sidewall and porch steps is Savannah Gray, a local variety that is alternately buff, red, black, and a soft gray color. Shutters are wood.*

Best Home for the Money in FLORIDA



MARVIN CULBRETH

Price: $14,045 with land • Living area: 1134 sq. ft. • Builder: Masterbuilders Corp. • Architect: Clifford W. Wright, A.I.A.



***Informal Florida living** was stressed in planning this home. See how the indoors and outdoors are integrated so every room opens onto or faces a patio. Excellent separation of living, working, and sleeping areas permits a full range of activities to be carried on at one time in privacy.*



***Custom touches,** more often found in a higher price range, add extra value to the home. An attractive colored paneled screen provides privacy for the dining-room patio, and wide overhangs make the house appear larger than it is.*

A YOUNG, growing family, looking for suburban casualness—but with urban conveniences—will find this house ideal for its needs. Located in North Orlando, one of central Florida's newest cities, this three-bedroom, two-bath home is only minutes away from "everything." This makes it a natural for the busy housewife who must transport children to school, do the shopping, but still wants time for the many pleasures Florida living offers.

The builder has made sure that no community-facility costs will be borne by the families after they buy their homes. A sewer system and water facilities are already installed. Storm sewers and fully paved and curbed streets are provided—as well as a 57-acre park.

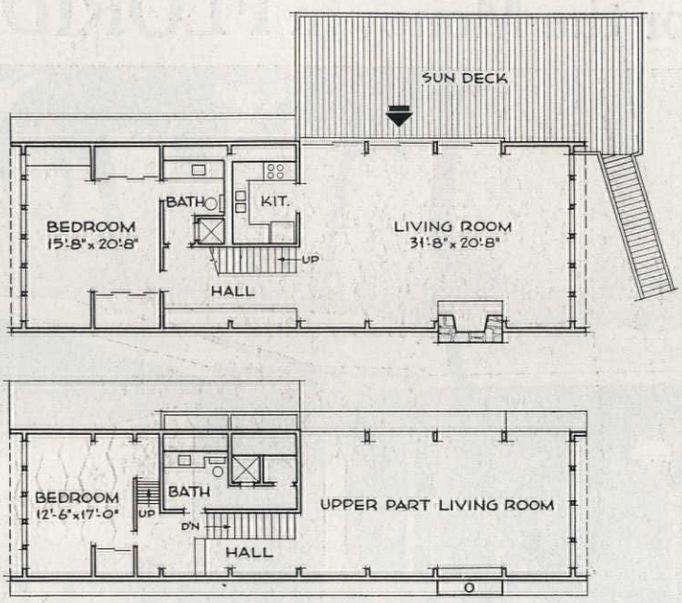
The house itself boasts a "children's bedroom wing"—well separated from the living area of the home—but close enough to the master bedroom so that parents won't feel isolated from the children. The master bedroom also offers a large degree of privacy with its own bath and secluded patio area.

In providing three patios, the builders have remembered that the terms "Florida living" and "outdoor living" are almost synonymous. One attractive patio is just a step away from the living room. And even when she's busy with kitchen chores, the housewife can look out on the patio which opens from the dining room.

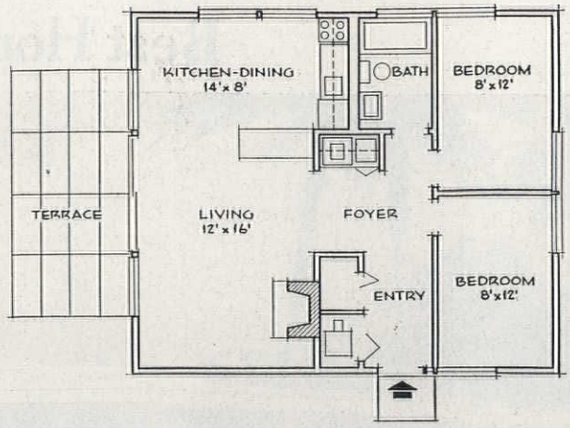
All-weather protection is another feature that makes this home an excellent value. Wide overhangs and a covered walk from the carport to the entrance provide rain protection. And for those chilly days and evenings a gas furnace provides heating through ceiling vents.

Also included in the modest price tag: range, oven, kitchen fan and hood, sodded lawn, shrubs and trees.

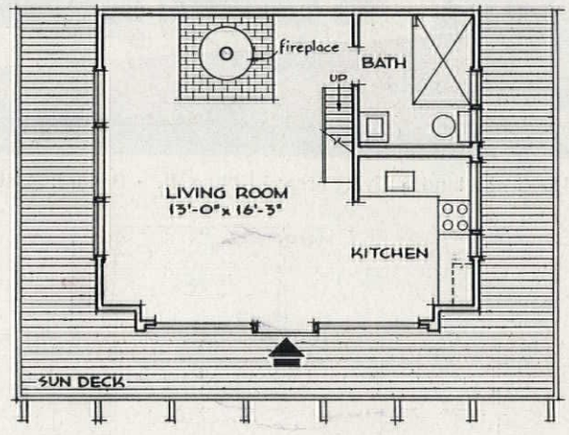
Two-Home Family (continued from page 48)



Every room is big in this elegant "A-framed" house seen on page 46. There's even more space than is shown in the plans here. A third level, reached by a ship ladder, contains two bedrooms. Architect was Robert L. Barnett, A.I.A., of Los Angeles.



***One-floor plan** for the cabin on top of page 48 is both roomy and efficient. This is a year-round vacation house. Closet just inside front door houses furnace. House is variation on a standard plan designed by Carl Koch, A.I.A.*



***The essentially square design** provides maximum space in this ski lodge pictured on page 48. Stairs in the center lead to sleeping balcony large enough for two sectioned-off bunk spaces. Addition of sun deck makes this a pleasant cabin to use in the summer. Square hearth under circular fireplace is red brick.*

FINANCING YOUR VACATION HOME

If you have cash to pay for your vacation cabin, fine. If you don't, getting a loan may stymie you temporarily, but persevere, because it can be done. Here are a number of ways:

Increase your present mortgage. Suppose the vacation house you want is going to cost $3000. Assume you have a mortgage of $10,000 on your present home which is valued at $16,000. If the bank or loan association that holds your mortgage approves an increase, it will cancel your old mortgage and give you a new one for $13,000. The $3000 difference between the old and new mortgage is yours, in cash, to spend on your cabin.

Get a personal loan. It's possible to borrow up to $5000 in most banks, depending on your present indebtedness and your income. However, "real" interest rates are high. For example, if you went to one New York bank for a loan of $2000, here is what would happen:

On the basis of a 24-month repayment period, you would receive $1954 and you would pay back a total of $2160. This is a difference of $206 or 10.3 per cent of your original $2000 loan.

Apply for the ABC plan. A national program, the Allied Building Credits plan for lumber dealers, permits vacation-house financing up to $5000 for seven years. Not all lumber dealers offer the ABC plan, but it's worth investigating.

Check development financing. If you buy your vacation house in a development, your financing will probably be solved. It is very likely that the developer will have a financing plan of his own. For example, John Long provides financing for his "A-framed" cabin (see page 69) in a development called Kaibab High, 178 miles north of Phoenix, Arizona.

Go to a savings and loan association. When you begin to look for a money source, remember that savings and loan associations tend to be slightly more liberal than banks in financing vacation houses. For example, the Prudential Federal Savings & Loan Association of Salt Lake City will now provide vacation-home financing up to $3500 on a five-year term.

Ask your building contractor. You could short-cut all these methods by going directly to your builder. A reliable builder often has a working agreement with a bank to provide loans for his customers.

Don't seek a VA or FHA loan. These agencies won't consider financing a vacation house, unless it's built to the same standards as your year-round home.

CHOOSING YOUR LAND

Gather information before you go. Write to the Chamber of Commerce, town clerk, or newspaper editor in each of the regions you might like for a vacation site. You may begin by calling your home-town Chamber of Commerce.

Spend time looking. After you have decided on a region suitable for your vacation needs, spend as much time there as possible. Don't try to blaze through the area in two or three hours on a Saturday afternoon. You may miss the one site that fits both your dreams and your pocketbook. Many families have found that camping (when possible) on the site they've tentatively chosen is an excellent way to check on such prevailing conditions as availability of water, distance from stores, privacy, and the character of the village.

Locate land for sale. While you're visiting the region, look for "For Sale" signs, ask the residents, buy a local newspaper and read the real estate columns, check with local realtors, inquire at the general store (there often is one). If you have found a site you especially like and you can't discover who owns it, check the land records in the town hall. (continued)



You can light either end!

Get satisfying flavor...so friendly to your taste!

NO FLAT "FILTERED-OUT" FLAVOR!

NO DRY "SMOKED-OUT" TASTE!

See how Pall Mall's famous length of fine, rich-tasting tobacco travels and gentles the smoke—makes it mild—but does not filter out that satisfying flavor!



HERE'S WHY SMOKE "TRAVELED" THROUGH FINE TOBACCO TASTES BEST

1. You get Pall Mall's famous length of the finest tobaccos money can buy.
2. Pall Mall's famous length travels and gentles the smoke naturally . . .
3. Travels it over, under, around and through Pall Mall's fine tobaccos . . . and makes it mild!

Outstanding... and they are Mild!

© A. T. Co. *Product of The American Tobacco Company — "Tobacco is our middle name"*

(continued)

Investigate our National Forests. Although in all 181,000,000 acres of our National Forests no more water-front sites are available, there are still some fine inland lots you can lease. Also, you can count on a continual turnover among the 20,000 home sites now leased (at a minimum annual fee of $25).

If you do manage to lease a site, you'll have to accept the policy that the public need is greater than yours and be prepared to give up your lot when the Government asks you. Should the land be taken back, there's no recompense for your house, although you can remove it.

Write your regional Forest Service office for availability of sites and the regulations involved. If you don't know where your regional office is, write to Vacation Houses, The American Home, 300 Park Avenue, New York 22, N.Y.

Inquire about local ordinances. There are many things you'll want to find out. Regulations on waste disposal often fix the minimum size of your lot. For example, in California, you'll need 10,000 sq. ft. of land if you plan to build a septic tank, and 20,000 sq. ft. if you are to have both a septic tank and a well. To be sure your lot meets the requirements, explain your proposed purchase to the local health department. Check on zoning laws too. Enough vacation areas have them so that it's worth finding out before you buy.

FINANCING YOUR LAND

The methods and limitations that apply to financing your vacation cabin are much the same for your vacation lot. If it is raw land, your problem is tougher, since banks and savings institutions cannot finance undeveloped land.

Know the cost of land. Land prices can range from $25 to $10,000 an acre. Generally, you can expect the average price to be about $1000 to $2000 less than the present value of the land under your year-round house. Waterfront property runs highest, as you might expect. If your lot is not on the water, be sure to verify your right of way to the water. Do this even though you may not want water privileges, because it will affect the resale value of your land.

BUILDING YOUR VACATION CABIN

Build the cabin yourself. A recent survey by the Douglas Fir Plywood Association revealed that 70 per cent of the vacation-home owners surveyed had built all or most of their own cabins. Putting up a vacation cabin requires construction know-how, but not the kind needed to erect a year-round house. The structure is simpler than a standard ranch or split-level house. The "A-framed" cabins, shown here, with wood girders serving simultaneously as roof and side-wall supports, are typical. Then, too, much construction is eliminated. Insulation, interior walls and ceilings, and finished floors, are often left out.

Put up a prefabricated house. Prefabricated houses can be a boon if you plan to build your vacation home yourself. They eliminate hundreds of cutting, measuring, fitting, and nailing operations. Generally, it will take no more than two people to handle any one panel, and quite often you can erect the panels yourself.

Try the pre-cut method. Many dealers pre-cut lumber for vacation houses. You can choose any plan you want, and the lumber dealer will deliver all the pieces—2 x 4's, plywood, roof shingles, 2 x 6's—all cut to size and marked. This system takes longer than building with prefab panels, but considerably less time than building "from scratch."

Adhere to building codes. Many vacation areas will have no codes, but be sure to check. For your own safety, it's a good idea to construct your cabin as if there were a code. Accidents can happen such as the one several years ago near Lake Tahoe in California. One hundred cottages collapsed after a big snowstorm because the roofs were not strong enough.

DECIDING ON UTILITIES

Save money. If you don't mind roughing it, you can do without public utilities. A good gasoline lantern, big enough to illuminate one large room, sells for about $15. A gasoline cooking stove, camp type, runs from $13 to $25, and one that operates on bottled gas is about $20. Kerosene heaters will cost from $15 to $25, wood-burning heaters from $26 to $80, coal or wood-burning ranges from $50 to $80.

You can also buy a portable gasoline-powered generator for about $500 that will provide you with from three to four kilowatts. This will provide power enough for lights, a well pump, and some small appliances.

Have public utilities brought in. If your neighbors have gas and electricity, you probably won't have to pay much—if anything—for installation service. If your neighbors do without, maybe you can persuade them to join you in asking the power company to bring the lines in. You'll share the cost, but expect to pay a little more.

If you are alone in the woods and want utilities, it will cost you plenty. Telephone service will present much the same problems. But then, as some of our vacationing friends tell us, "Who wants a phone on a vacation?"

Find a source of water. Water is one commodity you can't do without. A nearby stream or lake may prove to be your best source. But, make sure of your legal rights and have the water tested for safety. Tap a spring, if you're lucky enough to have one.

If none of these sources is available, you will have to sink a well. Drillers will charge from $3 to $7 per foot, depending on soil conditions and local price variations. The toughest soil—hard clay and rock—shouldn't run much over $10 per foot. A shallow-well pump and storage tank (for use to a depth of 22′) will cost from $100 to $125. A deep-well outfit may run up to $150. Be sure not to go under the minimum standards which call for a well's being 50′ from a septic tank and 100′ from the absorption field.

CHECKING TAX AND INSURANCE RATES

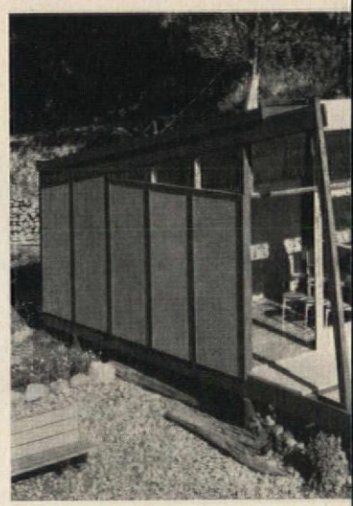
Taxes in a rural area. They may be as little as $15 a year. If your vacation house is in a settled community, expect to be assessed for schools and highways as if you were living there all year.

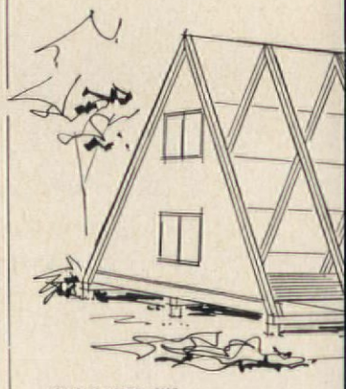
Yearly insurance. It can be as low as $1.50 or as high as $3.10 per $1000 for fire and extended coverage. Don't expect to get a lower rate because your house is near water. Insurance companies, as a rule, will only lower rates where recognized fire-fighting equipment (hydrants, pumping stations, fire departments) is close by.

INFORMATION: BERT GOLDRATH

For information on companies that prefabricate or pre-cut houses, also for sources of vacation-house plans, write to Vacation Houses, The American Home, 300 Park Avenue, New York 22, N.Y.





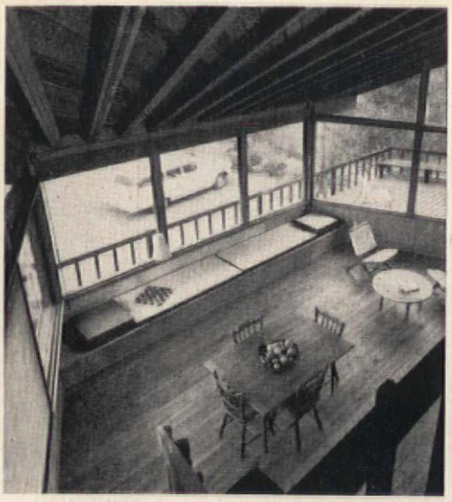


SIGMAN-WARD, INC.

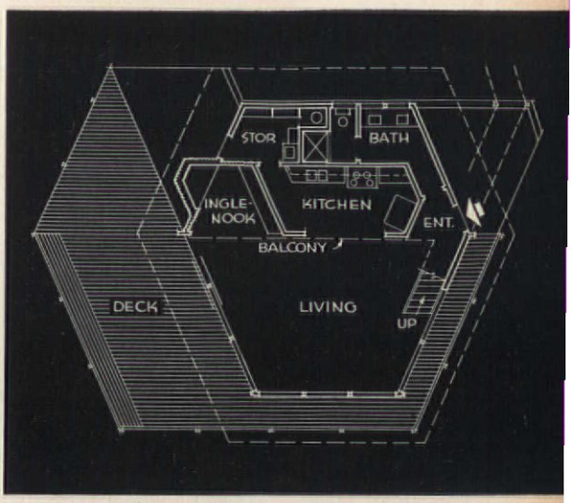
BERT GOLDRATH



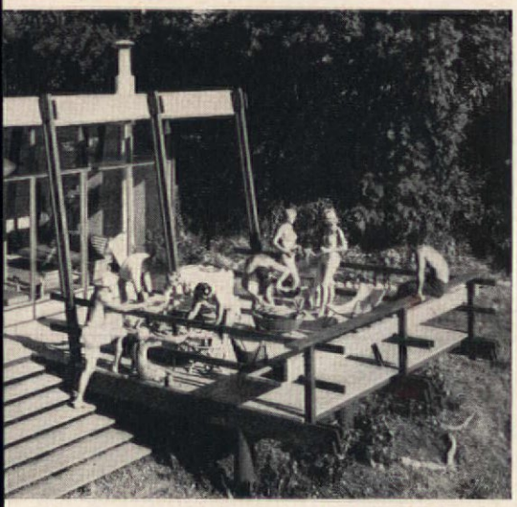
***Peaked gable** jutting into the California sky lends excitement to the exterior of this house. The glass underneath the gable provides a remarkable view of the valley below.*



***Inside scene** is taken from sleeping balcony. Built-in window seats double as extra bunks, with plenty of room inside to store bedding.*



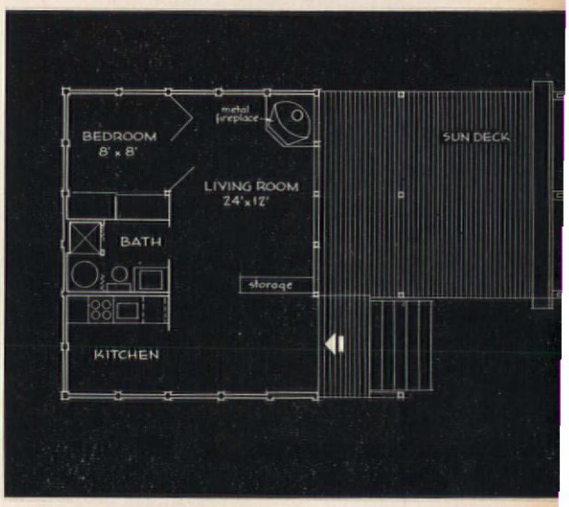
***The deck** practically doubles living space. "Inglenook" on the plan means fireplace corner. Designed by Marquis & Stoller of San Francisco.*



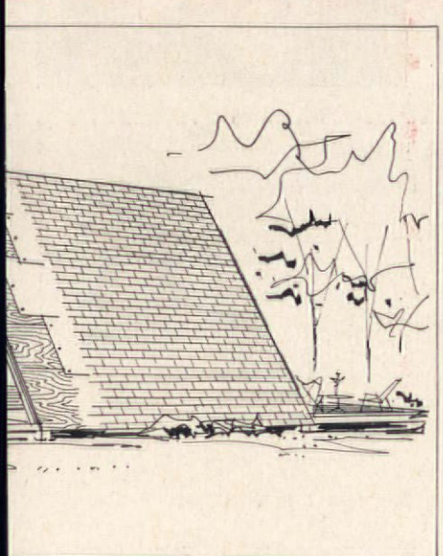
***Beach cabin** is shown in the last of its three stages of construction. Designed by Buff, Straub, and Hensman of Los Angeles, its total cost is about $3500.*



***This cabin** can be assembled easily by two people with common sense and a modest amount of manual training. Materials for first stage: about $900.*



***Sleeping facilities** can be expanded in living area with day beds. Get plans from Douglas Fir Plywood Assn.*

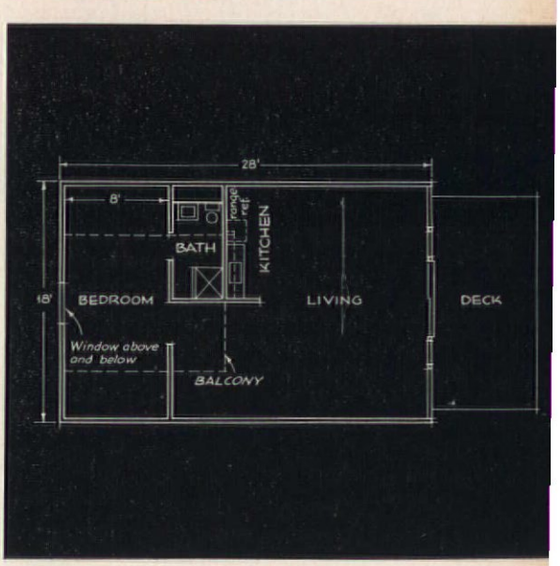


***Cut-away view** of "A-framed" cabin shows simplicity of its construction. Pre-cut materials for building it are priced at $1795, F.O.B. Phoenix, Ariz.*

MARKOW



***Glass doors** in the center have a screen slider to protect the opened half. Cabin is designed by the staff of John F. Long Home Builder, Inc., in Phoenix, Ariz.*



***Sleeping balcony** (see dotted line) is reached by a ship ladder. Upstairs there's room for two beds—ideal for children.*



SHOPPING INFORMATION

WE COOK UP SOMETHING NEW IN COOK-OUTS

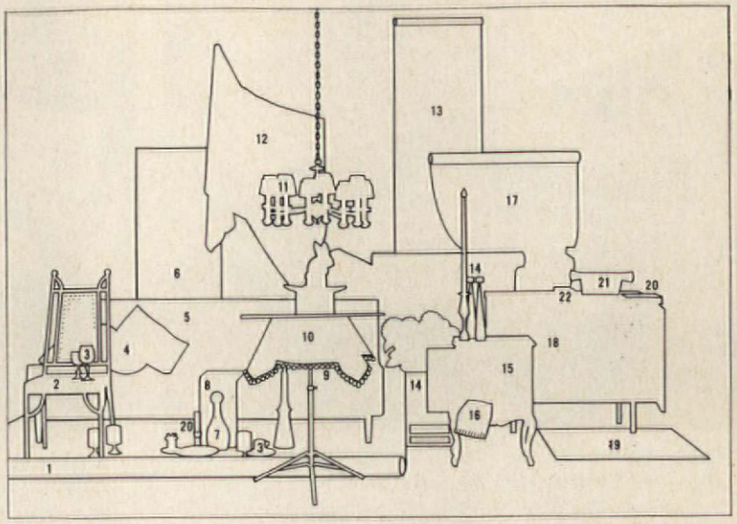
Page 15: Rotir charcoal broiler—designed by Pete Gross. Dinner plates, sauce boat, skillet—Heathware. Accessories—Vam Keppel Greene, Beverly Hills, Calif. Mitt—Gourmet. **Pages 16-17:** Barbecue Grill—Kamkap, Inc. Table, chairs, and cart—Lee L. Woodard. Skillet—Prizer Ware. Glasses—Seabon. **Pages 20-21:** Barbecue Grill—Hammacher Schlemmer. Blue cooking ware—Seabon. Copper sauce pot—Bridge Co. Ice Cream freezer—Proctor Silex Co. Coffeepot, cups & saucers—Kalla Craft by Knowles. Milk jug—Robinson Clay Product Co. **Page 22:** Compote—Fostoria. Tray, hibachi—Seabon. **Pages 24-25:** Barbecue grill—Kamkap, Inc. Chafing dish, brass tray, sauce pot—Seabon. **Page 28:** Iced coffee glasses—Phoenix Pan American Imports.

HANDSOME AND HOMESPUN

Page 43: Dishwasher, built-in ovens & cooking top, refrigerator—General Electric.

BARBECUE APRON KIT

Page 56: Barbecue—Abercrombie & Fitch. Barbecue spoon—Robeson.



MAGIC PURPLE (pictured in color on pages 32 and 33)

1. "Ski View" carpet—Magee. **2.** Chair—Green Metal Works. **3.** Glassware & china—Bloomingdale's. **4.** Pillows—Bloomingdale's. **5.** Sofa—Kroehler. **6.** "Gumdrops" wallpaper—Pippen Papers. **7.** Decanter—Blenko Glass Co. **8.** "Fascination" pillowcase—Fieldcrest. **9.** Trimming—Consolidated. **10.** Felt tablecloth—Continental Felt Co. **11.** Chandelier—Georgian Tole. **12.** "Arles" fabric—Schumacher. **13.** "Antique Gems" wallpaper—Piazza Prints. **14.** Planter and candle holders—Richards Morgenthau Co. **15.** Small chest—Bloomingdale's. **16.** "Taj Mahal" and "Zanzibar" towels—Cannon Mills. **17.** "Alhambra" fabric—Everfast. **18.** "Spring Violet" kitchen cabinet—St. Charles. **19.** "Renaissance Over-Tone" vinyl flooring—Amtico. **20.** Potholder, napkin and holder—Spectrum Unlimited. **21.** Ice bucket—Dansk. **22.** Cooking top—Hotpoint.

Oh, what will you do without water?

It is estimated that in 15 years each person will require 160 gallons of water a day as compared with 140 gallons today. During the same period the U. S. population is expected to grow 30%—or 54,000,000 more Americans.

You can help your town prepare for its growing water needs. Write for the free booklet "WATER—Make Sure You'll Always Have Plenty." It shows you how to learn if you're running short, what steps to take if you are. Mail the coupon today.



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Address_____

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Barbecue Apron Kit

(continued from page 56)

and embroider a few details on large pocket (this may be omitted if desired). Sew in place. Stitch partitions on large pocket. For a really professional touch, add our panhandler mitt and towel kit. The mitt, lined with quilted silicone, is ready to use. The towel has to be hemmed and the scallions cross-stitched. The apron kit, No. PEK-8, is $2.98; mitt and towel kit No. PEK-9, $1.69; or both kits for $4.59.

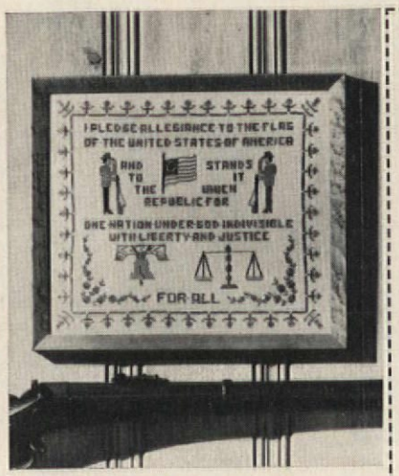
(shown in color on page 56)



Panhandler mitt is ready-made. Towel needs hems and embroidery.

Sew pockets on ready-made apron. Embroider details if desired.





Make an *American Home* "Pledge of Allegiance" Sampler . . . . PSK-1, $1.00 each.

ORDER FORM

These kits have been made exclusively for *The American Home* by Paragon Needlecraft.

Fill out coupon, enclosing personal check or money order (no stamps, please).

New York City residents add 3% sales tax.

Please allow three weeks for handling and mailing.

The American Home Magazine, Dept. PEK
Forest Hills 75, New York

Please send me the following items:

_____Barbecue Apron Kit, PEK-8, at $2.98 each
_____Mitt & Towel Kit, PEK-9, at $1.69 each
OR
_____Both kits for $4.59
_____"Pledge of Allegiance" Sampler Kit, PSK-1, at $1.00 each

Print Name

Print Address

City *Zone* *State*

Only 1 refrigerator-freezer —the new No-Frost RCA WHIRLPOOL gives so many modern automatic features

and saves money because it's Gas!



SAVES TIME! EXCLUSIVE ICEMAGIC® *replaces every cube you use, automatically!* NO TRAYS to empty or fill—even water is added automatically. A steady supply of ice drops into the handy server. All you do is use it! Only an RCA WHIRLPOOL refrigerator has ICEMAGIC, the ice-maker *proved* by years of consumer use!



NOW! NO FROST—EVEN IN THE FREEZER! There's *no frost to de-frost* in this zero-degree freezer. Yet you can freeze foods right at home—hold over 92 lbs. of frozen foods. The right temperature is *sealed in* by Million-Magnet* doors on both freezer and refrigerator, with special magnets in door gaskets. Yet they open or shut *easily, instantly,* at your touch.



SAVES TIME! EXCLUSIVE JET-COLD SHELF chills a *new* way, *with new speed!* Constant tiny jets of arctic air *inside the shelf* are the secret—let this special shelf chill food *up to 3 times faster than an ordinary refrigerator shelf!* Quick and safe for desserts, salads, any food or liquid. Jet-Cold shelf is another exclusive you can find *only* in an RCA WHIRLPOOL refrigerator!



SAVES FOOD! EXCLUSIVE NEW JET-COLD MEAT CHEST lets you store meat with confidence! Holds temperature *at the best meat-keeping level*—in the right atmosphere to keep meats fresh and tempting for days. PLUS every other food-keeping convenience, from a spreadable-butter keeper to twin crispers that hold a whole bushel of vegetables!



All new, all over! New space-saving lines—it fits *flush* to walls and cabinets on all sides. New easy-open door. New design has more room inside. And no coils stick out in back to spoil the lines—this handsome RCA WHIRLPOOL *looks* built-in, even when it isn't—and builds-in beautifully, too. Choose yours in pink, yellow or white.

ONLY ONE NO-FROST REFRIGERATOR-FREEZER WITH A 10 YEAR GUARANTEE!

Saves you money, too! You get *every* advantage: built-in look . . . color choice . . . all those wonderful new food-keeping features . . . PLUS the fabulous refrigerating system designed around a simple, silent flame, with no moving parts to wear out or break down. You get a *10 year guarantee on the sealed refrigerating system—twice as long as usual!* Gas saves you money on fuel bills, too. So *choose Gas.* There simply isn't a better buy than a modern, automatic, *Gas* refrigerator-freezer like this!

AMERICAN GAS ASSOCIATION

RCA Whirlpool
GAS APPLIANCES

Use of trademarks RCA and RCA by Whirlpool Corporation, St. Joseph, Michigan, manufacturers of RCA WHIRLPOOL appliances, authorized by Radio Corporation of America.

*Trademark

ONLY GAS does so much more... for so much less!

Daylilies—Plant Them Now!

(continued from page 38)

(pictured in color on pages 38 and 39)

THE RIGHT TIME TO PLANT DAYLILIES

Almost any time during the growing season it's possible to plant or move daylilies. But in the northern half of the U.S. you'd better get the job done before mid-August. Late-set plants don't seem to get their roots anchored before freezing weather, and often heave out of the ground during winter.



Here you see why daylilies bloom so long: lots of buds, opening in sequence!

(A) is today's flower
(B) is yesterday's
(C) bloomed last week
(D) opens tomorrow
(E) is due next week

Plants are available from nurseries all year. However, midsummer, during or after main bloom period, is the favorite planting time. *Now and through next month!*

A standard commercial division is a single crown (one fan of leaves). It should produce one bloom-carrying stem the summer after you plant it, and increasingly more each succeeding year.

WHERE TO PUT THEM

Give them as much sun as possible. The more sun, the more bloom. Plants in dense shade put up plenty of leaves, but have a skimpy number of buds. In partial shade they do quite well. In fact, in the South that's the preferred place to grow them—under tall, high-branched pine trees. But pay attention to the direction blooms will face! They'll face toward the strongest light and possibly turn their backs in a border or walk.

Almost any kind of soil is all right as long as it doesn't tend to get waterlogged. But don't kid yourself that poor soil will give great results, because it won't. The better the ground, the handsomer your plants.

BEST VARIETIES FOR YOU

As far as looks are concerned, they're all beautiful so you can't go wrong! Choose the ones you can't resist. *Climate can make a difference.* If you live in either a very mild, or extremely cold region, there are some daylily types that are apt to be better than others. In the Deep South, for instance, evergreen varieties are favorites. Their leaves stay green all year, and the plants often bloom several times a season. But in the North, many of these evergreens can't stand severe winters. They may be killed, or so badly injured and weakened that they won't bloom.

Varieties that grow best in the North are primarily deciduous types that die to the ground and become dormant through winter. They have just as beautiful flowers as the evergreen kinds. In general they do poorly in the Deep South.

In moderate-climate parts of the country, every type does well.

You can order the plants by mail, or see and select varieties in bloom at a nursery. Mail-order catalogues that offer daylilies usually give descriptions and all data you'll need to make choices.

WHAT THEY'LL COST

Price depends mostly on rarity. You can buy excellent varieties at 75c to $3, ones that have been on the market long enough to have been propagated in quantity. Scarce new hybrids may cost anywhere from $5 to $25 the first year they are introduced.

CHOOSE FROM THESE VARIETIES TO HAVE A LONG SEASON OF BLOOM

We asked Hubert Fischer of Hinsdale, Illinois, president of The American Hemerocallis Society, to recommend some excellent though inexpensive daylilies that bloom at different seasons. Here's his list:

Spring. Yellow—'Dr. Regel,' 'Little Cherub,' 'Winsome'; orange—'Earlianna'; red—'Baronet.'*

Early summer. Yellow—'Allegra,' 'Cosette,'* 'Easter Morn,'* 'Lady Bountiful,' 'Primula'; orange with eye—'Mikado'; apricot—'Colonial Dame'; salmon—'Brocade'*; lavender—'Purple Waters'; bicolor—'Bold Courtier,' 'Spring Fantasy'; red—'Crimson Glory.'

Main season. Yellow—'Atlas,' 'Golden Song,' 'High Noon,'* 'Kindly Light,' 'Midwest Majesty'; red—'Mabel Fuller,' 'Mrs. Hugh Johnson,' 'Sachem'; pink—'Evelyn Claar,' 'Pink Damask'; purple—'Potentate'; salmon—'Salmon Sheen';* blend—'Chloe,' 'Painted Lady';* eyed—'Cathedral Towers';* bicolor—'Caballero.'*

Late. Yellow—'Alice,' 'August Pioneer,' 'Autumn Daffodil,' 'Dorothy McDade,' 'Pamela,' 'Farewell,' 'Susan Treadwell'; orange—'Aten,' 'August Orange'; blend—'Boutonniere,' 'Delicacy'; coral—'Coral Bells.'

*Evergreen

THE 24 MOST POPULAR KINDS

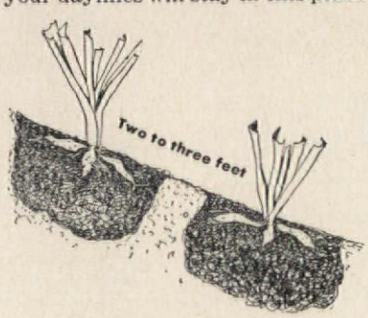
According to the 1959 popularity poll of members of The American Hemerocallis Society, these are the top favorites, nationwide:

'Salmon Sheen'*
'Evelyn Claar'
'High Noon'*
'Fairy Wings'
'Ruffled Pinafore'*
'Jack Frost'
'Painted Lady'*
'Prima Donna'*
'Colonial Dame'
'Pink Dream'
'Cibola'
'Naranja'*
'Nashville'
'Pink Damask'
'Cosette'*
'Garnet Robe'*
'Pink Prelude'
'Ringlets'
'Midwest Star'*
'Picture'
'Show Girl'*
'Atlas'
'Cradle Song'*
'Shooting Star'

*Evergreen

HOW TO PLANT

Prepare the ground well because your daylilies will stay in this place a long time! Loosen the soil deeply, and if you think it needs improvement by adding humus (such as compost, leafmold, or dampened peatmoss) or plant food, now's the time to add them.



In setting new plants, juncture of tops and roots should be at soil level. Space far apart to allow for several years of growth before plants become crowded.

Set plants so the point where leaves and roots meet is at soil level. Firm the dirt around the roots, and water thoroughly. Leaves can be cut back to about 8 inches. Or, if you've purchased a plant that's in the midst of blooming, you can let it go right on (though the shock of moving may result in smaller flowers this season).

TO GET QUICKEST SHOWY EFFECT

When you plant a single daylily division, you can expect that it will send up one bloom-carrying stem its first season, and two the next. Then, forever after, it will be a big showy clump producing quantities of bloom. If you want the showy effect in a hurry, here's a short cut: Plant several divisions of one variety together, spaced 10 to 12 inches apart. They'll simulate a large clump and give profuse color the first year. Within 2 or 3 years all the plants will grow together to make a huge and terrific display!



Plants grow larger and have more flowers each year. They multiply pleasantly fast, and never become invasive like their wild relative, the aggressive roadside 'Tawny Daylily.'

HOW MUCH ATTENTION DO PLANTS NEED?

Once they're established, daylilies can survive with no attention! But, as with other plants, you'll get the results you deserve. Feeding (about once a year, in spring) and watering (during dry spells) pay off. Daylilies have very few pests and diseases. It used to be considered that they were absolutely trouble-free. As they became increasingly popular and were planted in greater quantity, difficulties moved in.

(continued)



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Gorgeous blooms of subtle shape and shading, all summer long with minimum care. Self multiplying, they return year after year in ever-increasing lovely abundance. "Wild" daylilies are carefully selected—fresh dug daily, rushed to you next day with full planting instructions.

"Picture Garden" COLLECTION

Alta Rose, watermelon-rose bitone; excellent $2.00
Autumn Red, velvety red; long season of bloom .60
Baggette, pale lemon dusted rose; profuse bloomer 1.00
Ballet Dancer, a dainty pink; lustrous 1.00
Colonial Dame, large, light apricot with a band of pale rosy tan 1.00
Mrs. B. F. Bonner, huge petaled pale lemon; long blooming season .75
Pink Charm, beautiful coral pink .75
Pleasant Hours, charming, clear, deep yellow. Very large. Excellent form 1.00

ALL 8 lovely daylilies at special collection price ONLY $5

ORDER NOW SAVE 45%

The "PERFECT PAIR"

Pick this delightful duo for colorful contrast in a cozy corner of your garden.

Crimson Glory, excellent rich red; ruffled $2.00
Jewell Russell, huge flower; fine pale lemon .75

$2.75 Cat. Value, both specially priced ONLY $1.50

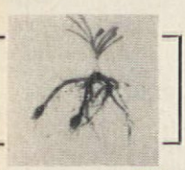
"Four Jewels" COLLECTION

4 beautiful daylilies 1 each—red, pink, yellow & orange. Special price, ONLY $1

Compare the Quality



THIS IS a "Wild" daylily. We ship only large, sturdy, well-cared-for and healthy plants ready to take root and produce profuse blooms.



This daylily (a reject by "Wild" standards) is poorly developed and sparse. It would require much attention in order to survive; blooms would be small.

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PEONIES, IRIS, DAYLILIES! Over 1000 varieties; all famous "Wild" quality; fully described. Loaded with natural color pictures. Many money saving offers! FREE ONLY WITH ORDER!

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☐ "Perfect Pair" collection, both plants, $1.50
☐ "Four Jewels" collection, 4 daylilies, $1.00
☐ Enclosed is 25c for color catalog (free only with order)

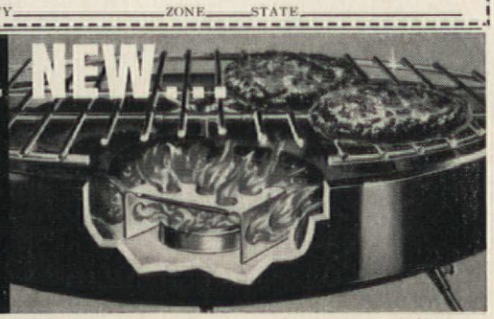
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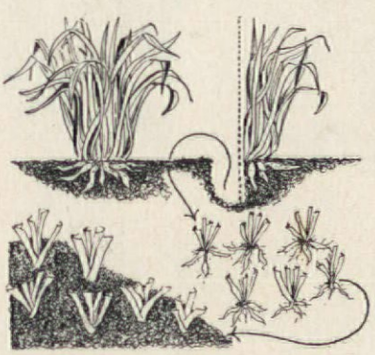
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Best advice is to spray or dust with an all-purpose insecticide-fungicide (of the kind used on roses or garden flowers) about every week or 10 days. Begin treating when leaves start to grow in the spring. This is standard advice for all your garden flowers.

HOW TO TRANSPLANT AND DIVIDE DAYLILIES

Transplanting daylilies is simple. But *do not move old plants in one clump.* Take a look at how crowded the tops and roots are. They've multiplied until they're squeezing each other, and competing for food and water. If moved all in one bunch, they'll continue in that condition. It's far better to tear the matted segments apart into single- or two-unit divisions. First wash the dirt off the mass, then cut apart with a knife, or pry loose with your fingers. Don't worry if some roots are lost in the operation; as a matter of fact, root-pruning seems to stimulate new growth. Leaves can be cut back to about 8-inch length.



***To divide and move** an old clump without losing a season of showy bloom, dig only half of it this year! Separate the dug half into single division units before resetting in new place.*

Replant in deeply dug soil in which plant food has been mixed. Space far enough apart to allow several years of multiplying (1 to 3 feet depending upon the effect you're after). Big plump divisions will bloom the first season. Even tiny nubbins, if they've a piece of crown and root, will eventually grow big and become exact duplicates of their parent.

BEST PLACE TO GET MORE DAYLILY INFORMATION

If you love daylilies, the best way to keep up to date on information about them is to join The American Hemerocallis Society. Anyone can join. Just send in your dues ($3.50 per year) to the secretary: Olive M. Hindman, 404AH Weigle Ave., Sebring, Florida. You'll get invitations to regional and national meetings (where you'll visit gardens, and get acquainted with other daylily enthusiasts). You'll receive four copies of the Hemerocallis Journal each year, get a list of members and where they live, and have a chance to join a round-robin letter group.

ABOUT THE BORDER SHOWN ON PAGE 39

I got the idea for our gorgeous big streetside border in Louisiana. They really know how to use daylilies for landscaping there! They plant them in yards to define property lines, in parks for mass color, and along highways for beauty with little upkeep. A long row of all-one-color seemed to look best, so I copied that idea. But to have long bloom season (11 weeks) I used 4 varieties that would take turns blooming. They're in two rows running the full length of the border. The back row alternates plants of two tall late kinds; the front row alternates two shorter, early varieties. I got the plants by dividing huge old clumps I've had for years. For extra early flowers before daylily season begins, I planted clumps of daffodils and grape hyacinths among the daylilies. And the plan works! The best thing about the border is that it will get better looking each year! THE END

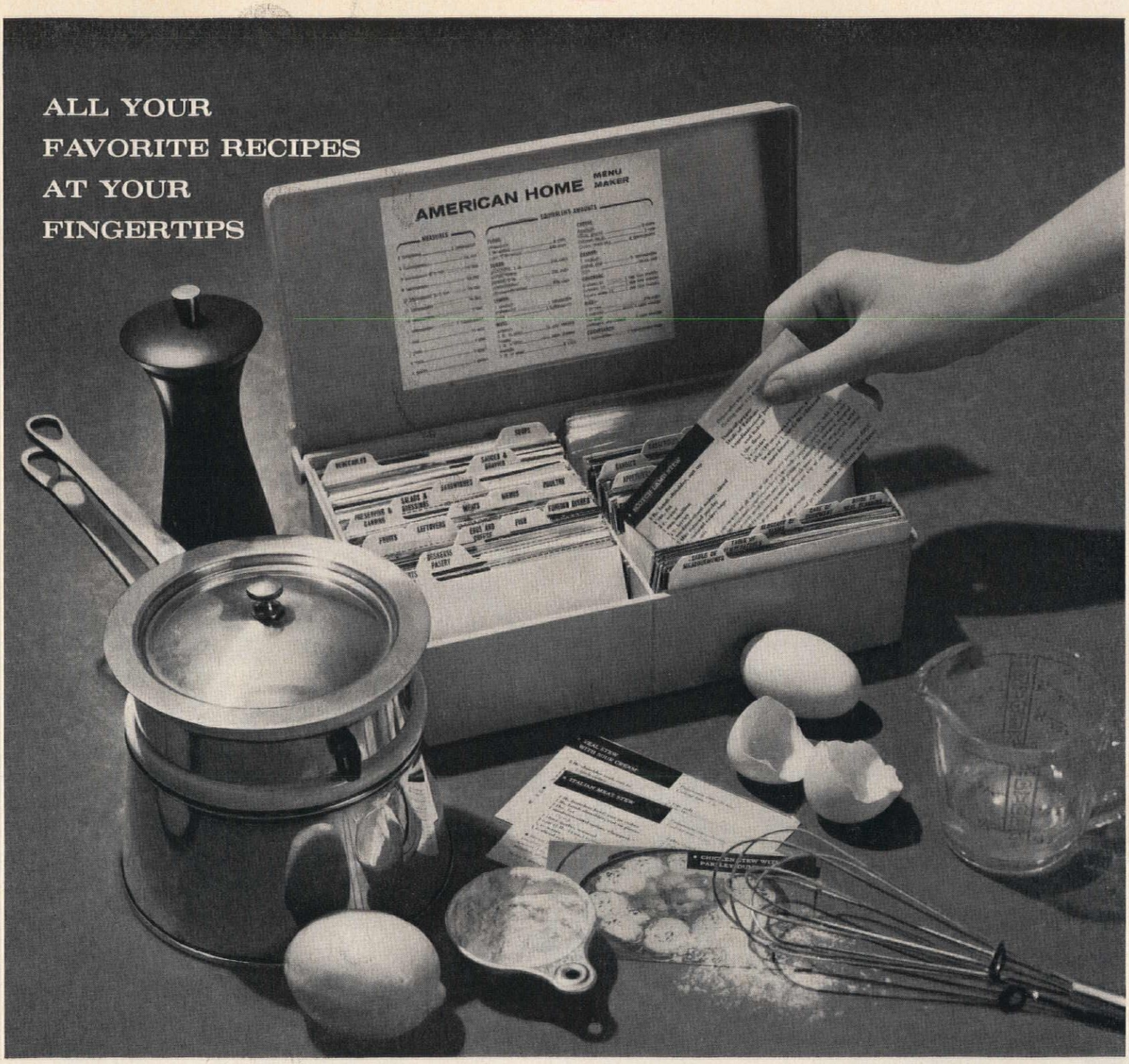
GOOD NEWS FOR CALORIE COUNTERS

Who says you have to be miserable when you diet? Next month, you will find the most delectable diet dishes ever! Nothing skimpy about these—they were planned for folks who love to eat!

REMODELING?

Don't make a move till you see next month's issue

23 pages packed with remodeling ideas! You will also find a complete nationwide listing of one-stop home-improvement centers to help you do the job—all certified by *The American Home.*



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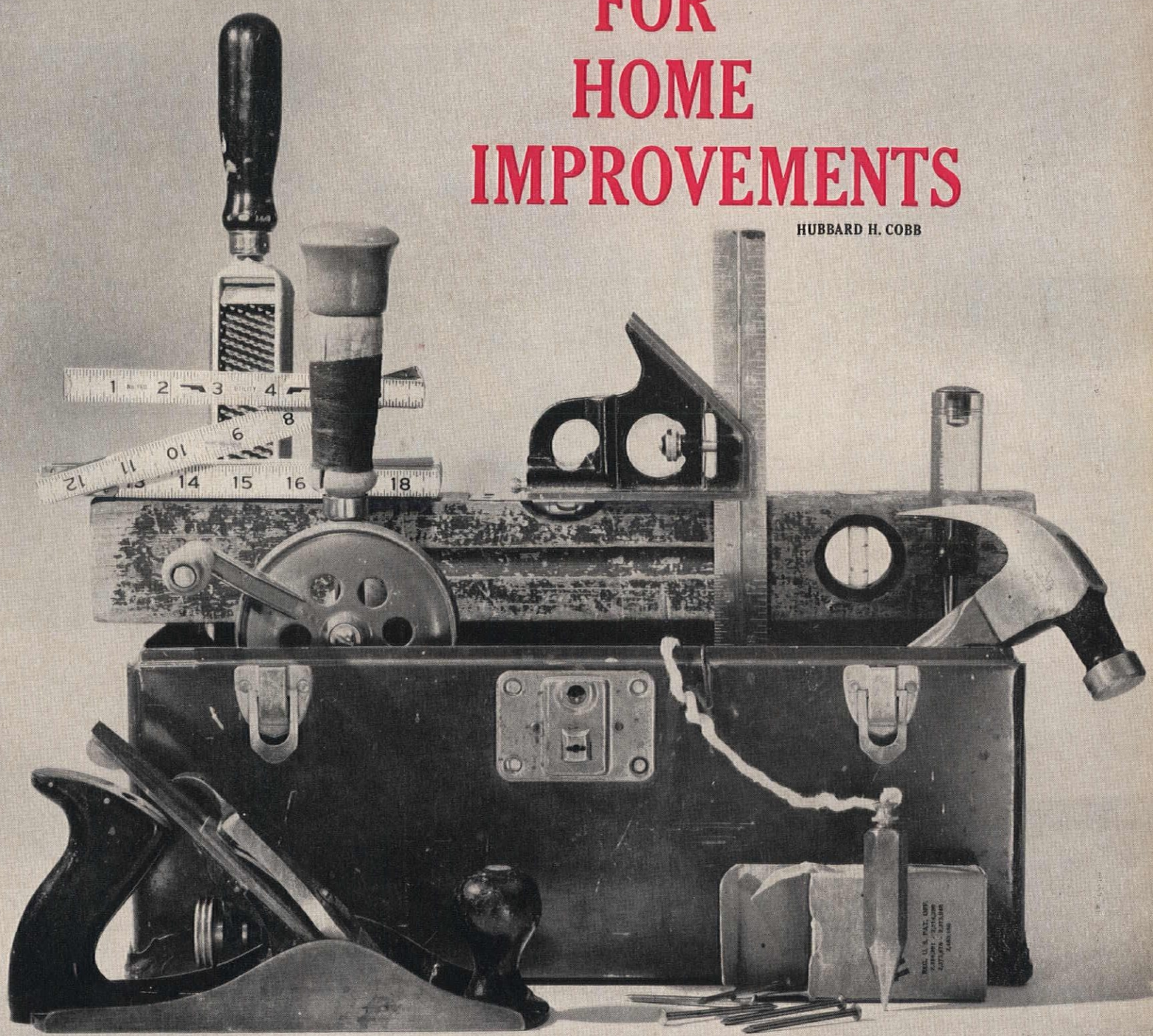
—and compared with the angler's meager catch, our painting family has a lot more to show for their day's activity! In spanking-clean white or delightful colors, Moore's Exterior Paints keep a fresh, gleaming appearance for years. The perfect finish for every paint job is as near as your friendly Benjamin Moore Dealer.

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ROUGH FRAMING FOR HOME IMPROVEMENTS

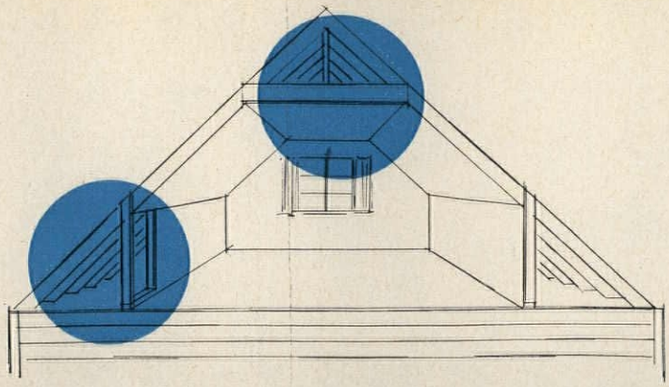
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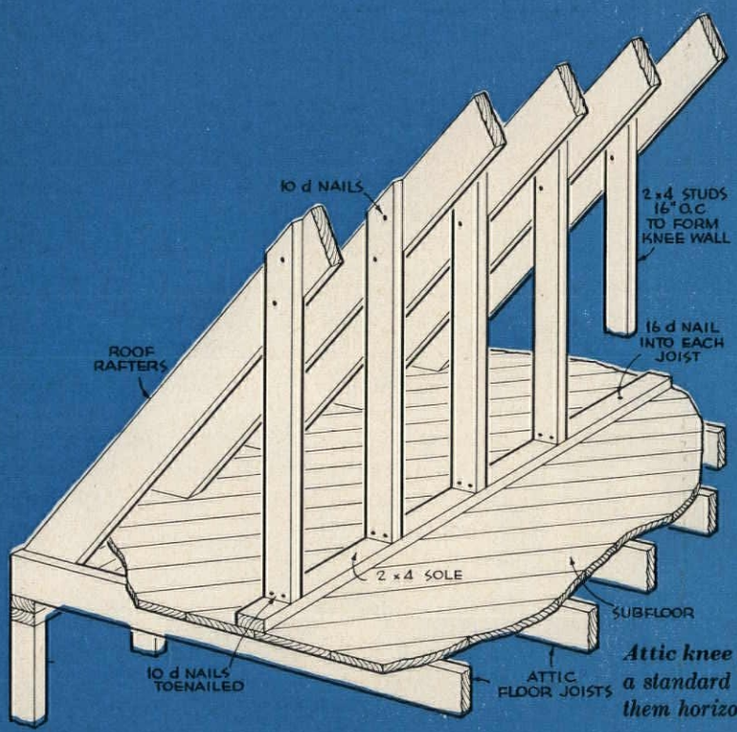
WHEN YOU REMODEL a basement, add a partition, or put in a new window or door, it pays to do a professional job. Our guide tells you all about rough framing—the size of lumber to use, number of pieces needed and where they should go, the size and number of nails. Whether you plan to do the work or hire it done, here's how.

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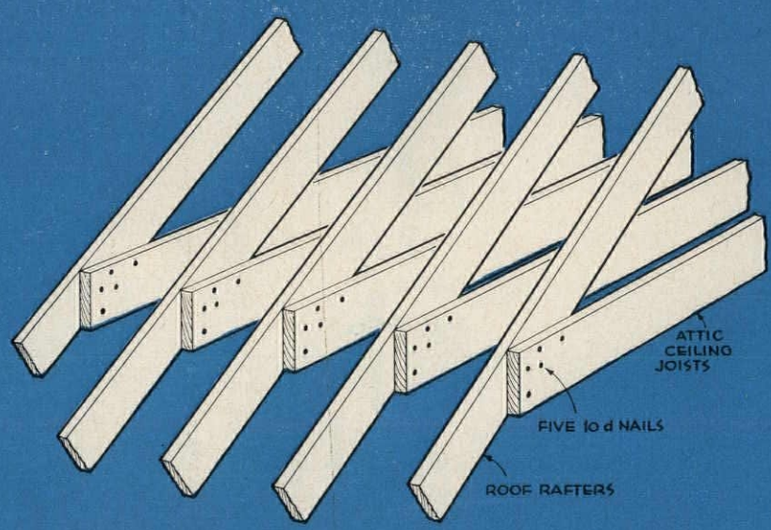
FINISHING OFF AN ATTIC



***Knee-wall and ceiling framework** are required if an attic is to be finished into livable quarters. Simplest way to bring materials into the attic is to hoist them up through the attic window.*



Attic knee or dwarf walls are usually 4′ in height so that a standard 4x8′ sheet of wallboard can be fastened to them horizontally with a minimum amount of cutting or waste.



Attic rooms require a ceiling to make them more comfortable in hot and cold weather. Ceiling joists should be set at least 2′ below roof peak to provide suitable air space for insulation.

ALL SKETCHES BY SIGMAN-WARD, INC.

KNEE WALLS

Before installing knee walls, you must have a floor. You can make a subflooring from ¾″ fir plywood or 1x6 tongue-and-groove boards. Don't use boards wider than 6″ because of the tendency to warp and cup. The easiest way to set tongue-and-groove boards is at right angles to the joints. However, if you plan to lay a finished wood floor, the subflooring should be laid diagonally.

After the subfloor has been laid, a 2x4 sole must be fastened to it and the joists to serve as a nailing base for the knee-wall studs. Decide on the exact height you want the knee wall (minimum height is 4′) and then measure down from one rafter to determine where the sole must be positioned. Keep the sole parallel to the eaves along its entire length by measuring out from the eaves at several points.

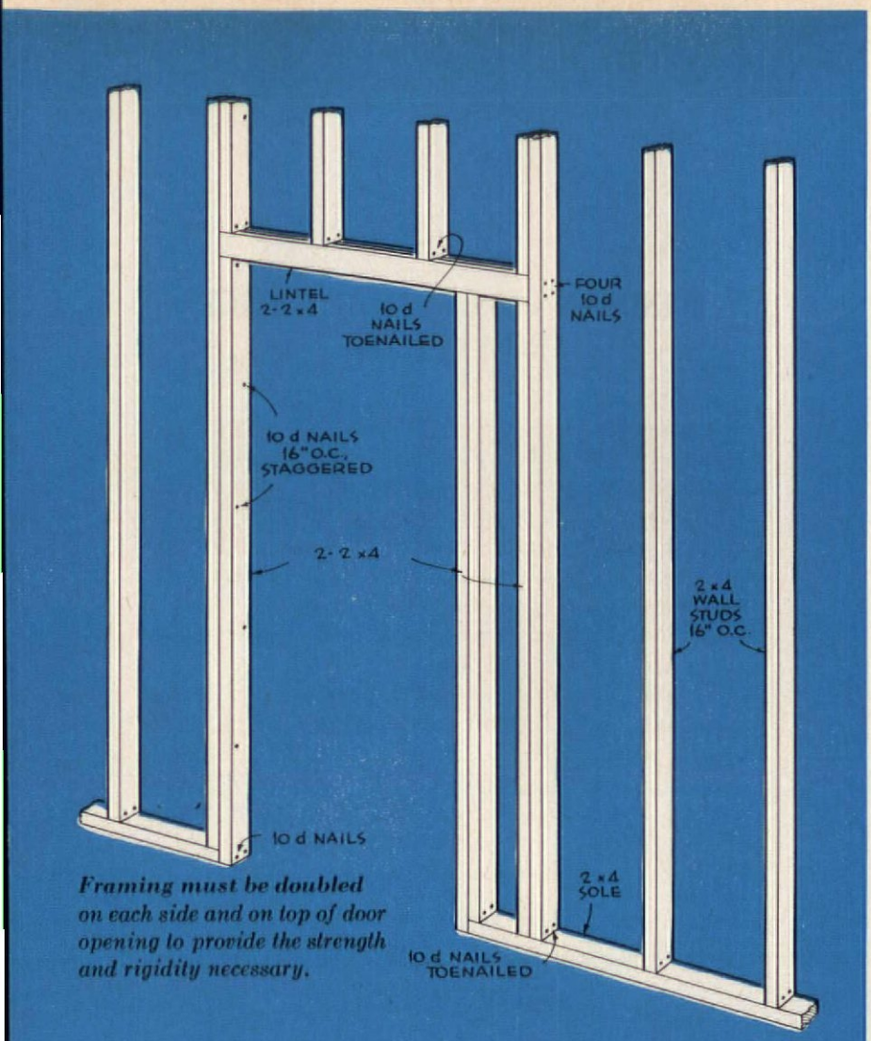
Use a bevel square to determine the angle for the top cut on the knee-wall studding, and then cut the necessary number of studs to size. Nail them in place as indicated in the illustration. All studding should be plumb.

If the attic floor has been insulated, you can leave the insulation in place to prevent sound passing to the room below. You will have to apply new insulation between the knee-wall studs, the rafters, and collar beams.

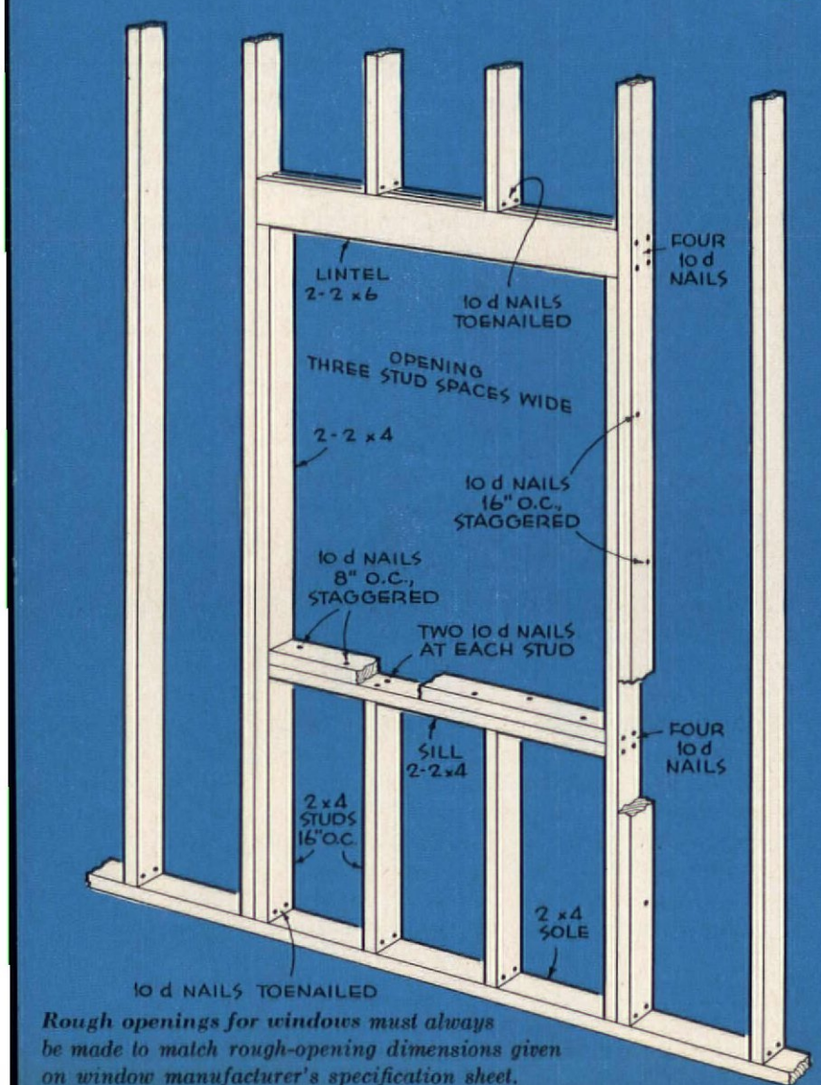
CEILING JOISTS (COLLAR BEAMS)

When making the framework for the attic ceiling, use 2x6 stock unless span is less than 8′, in which case 2x4 stock would be suitable. Place the ceiling joists so there will be a minimum of 7′ headroom between finished floor and finished ceiling. Be sure to allow an air space of at least two feet between the ceiling and the roof peak. If there are louvers at the ends of the attic, the ceiling joists should be below these.

Determine the location of the ceiling joists on the rafters by measuring up from the floor along the end wall. Mark this distance on the first set of rafters. Once this position has been established, transfer it to the other rafters with a framing square. Cut the ceiling joists to the required length. Nail wood cleats along the edges of the rafters at the marked places to hold the joists in position until you can nail them to the sides of the rafters.



Framing must be doubled on each side and on top of door opening to provide the strength and rigidity necessary.



Rough openings for windows must always be made to match rough-opening dimensions given on window manufacturer's specification sheet.

FRAMING DOORS AND WINDOWS

DOOR OPENINGS

Decide what size door you are going to use before making the rough door opening. As a general rule, the rough opening should be 2½″ wider and 2½″ higher than the actual size of the door. This allows enough space for the jambs and the trim. If you're planning to use a ready-hung door, consult manufacturer's specifications for the exact size of the rough opening.

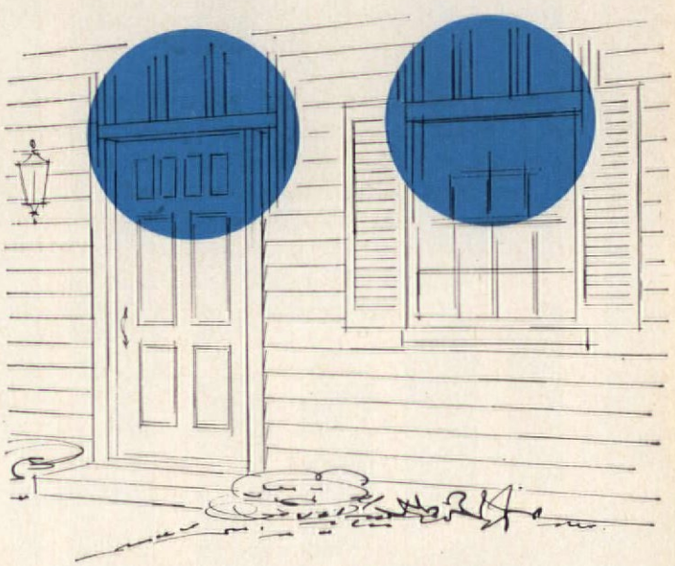
Door openings must be solidly built to prevent vibration when a door is opened and closed. Double the studding on each side of opening and also double the nearest adjoining wall studding. Use double 2x4's as lintels and allow these to be tied into full-length studding as shown in the illustration. Get the rough opening as true and plumb as possible so it will be easier to hang the door.

REGULAR SIZE WINDOW OPENINGS

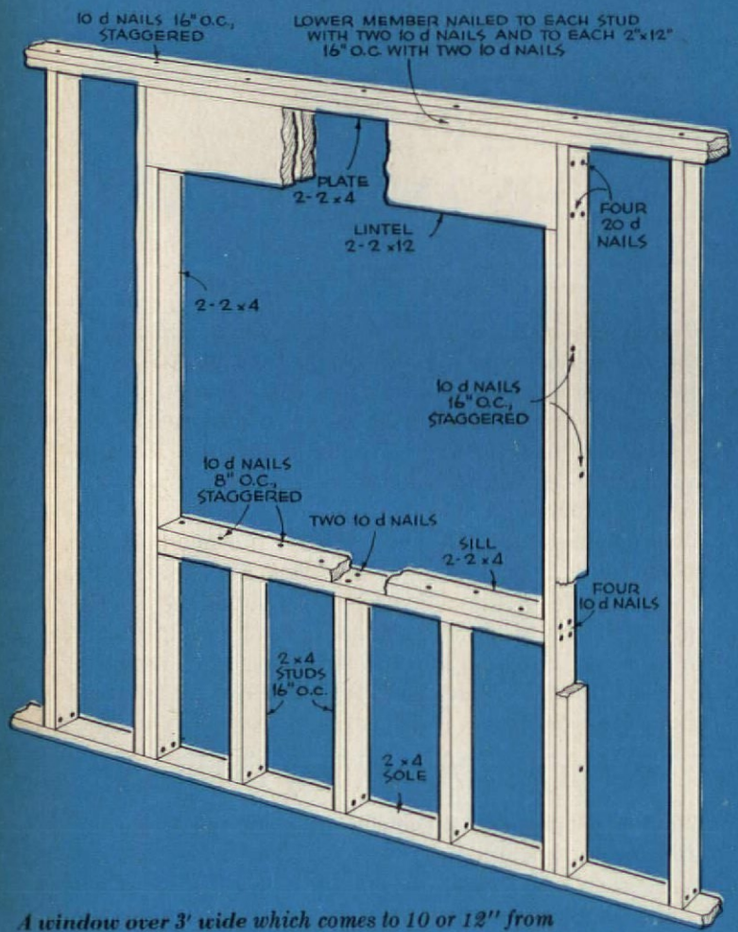
Window openings must coincide with the rough-opening dimensions provided by the window manufacturer. Since sash units come in a wide variety of sizes and shapes, determine which sash you want to use and then make the opening to fit this particular unit. Double the studding on each side of the window opening and the rough sill. On a window opening three studs wide or less, the top of the rough opening (the lintel) can be made of two 2x6's set on edge.

The best way to frame the opening is to first install the two full-length outside pieces of the frame. Cut the two inside vertical pieces to size, nail them to the bottom sill piece, and set this assembly into place between the outside pieces. The lintel can then be put in place. Nail the short lengths of studding to the sill and the plate. Then install the top sill piece. Finally, add the short lengths of studding from the lintel to the top plate.

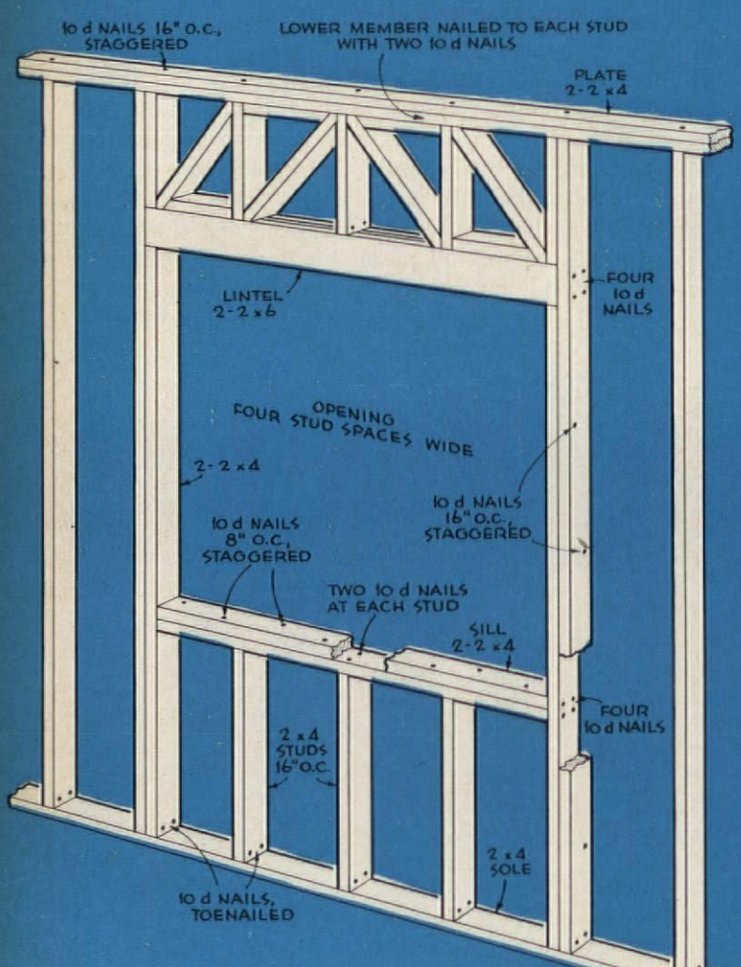
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Framework for exterior and interior doors is constructed in the same way. Tops of all windows as well as windows and doors should be on the same level.



A window over 3′ wide which comes to 10 or 12″ from top of wall requires a wide lintel (header). This can be made from two pieces of 2x12 or 2x10 to simplify framing.



For a window more than 12″ below the top of the wall, use the above method of framing with the lintel made

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WINDOWS LESS THAN 12 INCHES FROM CEILING

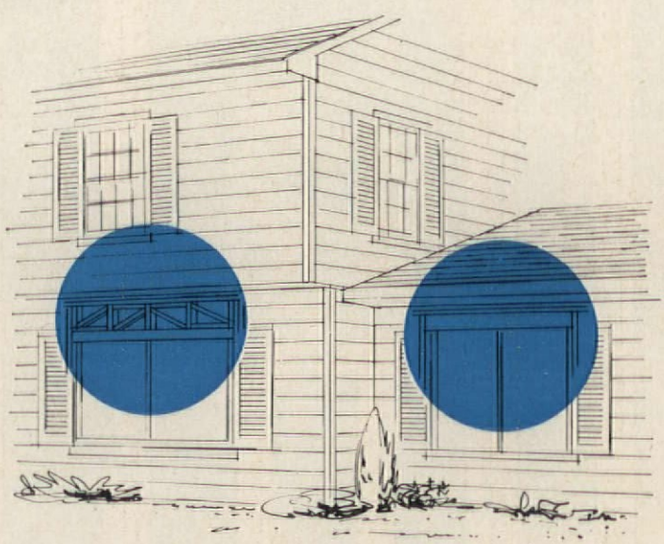
When openings for windows are to be over 3′ wide, you will need heavier lintels to prevent the top plate from sagging. If the opening is to be no wider than 6′, you can use the method illustrated at the left. In this construction, two 2x12's set on edge form the header. You may place shims between these pieces before nailing them into place to make them flush with the face of the studding. They can then be used as a nailing base for the interior and exterior wall finish.

All windows in a room should line up on top. If it is necessary to bring the top of the rough opening up for correct positioning, make the headers from 2x10 stock. When a lintel of this kind is used, there should be no space between it and the top plate of the wall. Should the space between plate and window opening be greater than 12″ you will have to build a braced lintel.

WINDOWS MORE THAN 12 INCHES FROM CEILING

A braced lintel should be used where there is a considerable distance between the top of the rough opening and the top of the wall. This lintel consists of two pieces of 2x6 set on edge with vertical and diagonal pieces of 2x4 running between it and the bottom of the top plate. You must cut diagonal pieces carefully to insure a tight fit.

These two methods of framing can be used on openings up to 6′. For openings wider than this, it is better to use a steel beam or the method recommended by the local building authorities.



***Rough openings for windows** must have adequate support along the top to prevent the top plate of the wall from sagging. This can jam a movable sash and crack the glass.*

FINISHING OFF A BASEMENT

FURRING STRIPS ON BASEMENT WALLS

If you plan to cover your basement walls, you will first have to put up furring strips. These provide a nailing base for the covering and also insulate it from the cold and sometimes damp masonry. Choose furring strips that have been treated with a wood preservative. The best size wood to use is 1x3, although 2x2 stock is also good. Before installing furring strips, it is a good idea to coat the masonry wall with a waterproofing material.

The furring method illustrated below provides a suitable base for all types of wall material. When tongue-and-groove paneling is to be applied horizontally, the horizontal pieces of furring may be omitted. Furring should be installed plumb and level and must be solidly secured to the masonry wall.

Fastening pieces to the masonry is often a problem. You can drill holes and use masonry anchors but a cartridge or hammer-driven stud driver is much faster. If your basement is made of masonry block, masonry nails will be effective and can be driven into place with a hammer without too much difficulty.

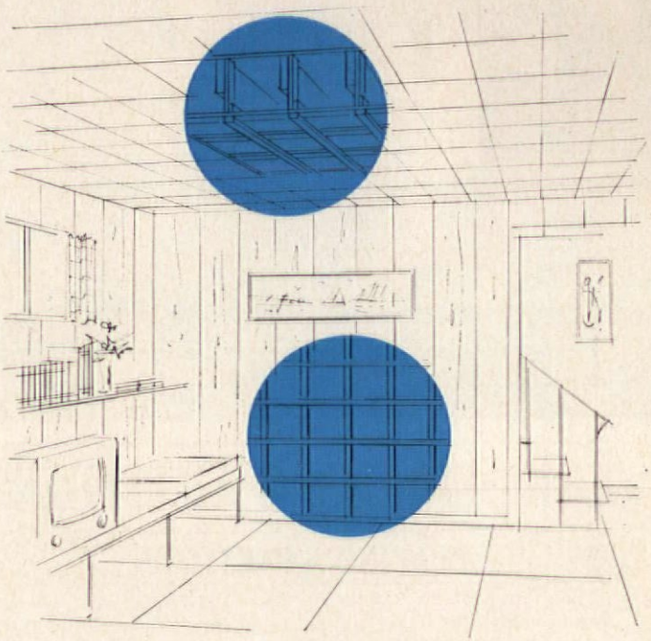
FURRING STRIPS AND DROPPED CEILINGS

In a basement, 1x3 wood furring strips may be attached at right angles to the ceiling joists if there are no pipes or ducts running across the ceiling. If utilities hang below the joists, you will have to "drop" the framework.

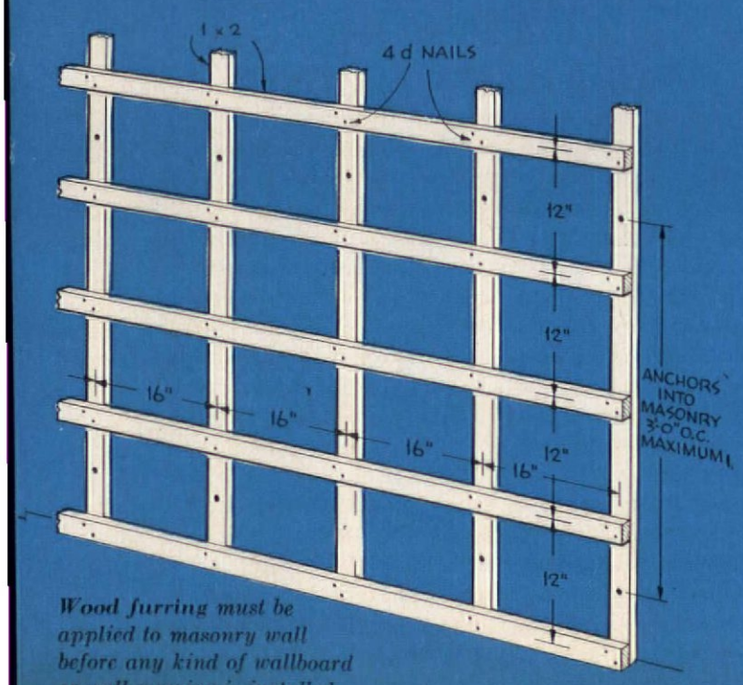
To do this, cut the hangers so they will be long enough to bring the framework below pipes and ducts. Nail the hangers to "A" strips at a maximum distance of 32". Then nail the hangers to the sides of the joists. Next, nail all the "B" strips to the "A" strips beneath each hanger and midway between each hanger. Finally, "C" strips are spaced to suit the dimension of the ceiling tile that is to be used. Check manufacturer specifications for exact spacing.

Be sure to leave an access to plumbing and heating valves. Build a frame around these places so that one single tile can be attached with screws for easy removal.

(continued)

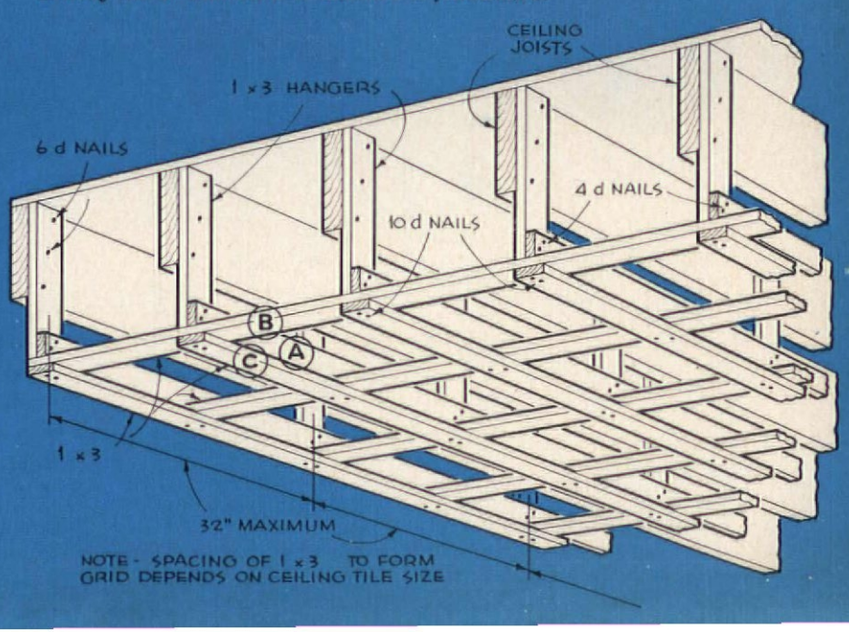


***Framework is required** for basement walls and ceilings. After all framework is in place, apply the ceiling material and then the wall covering.*

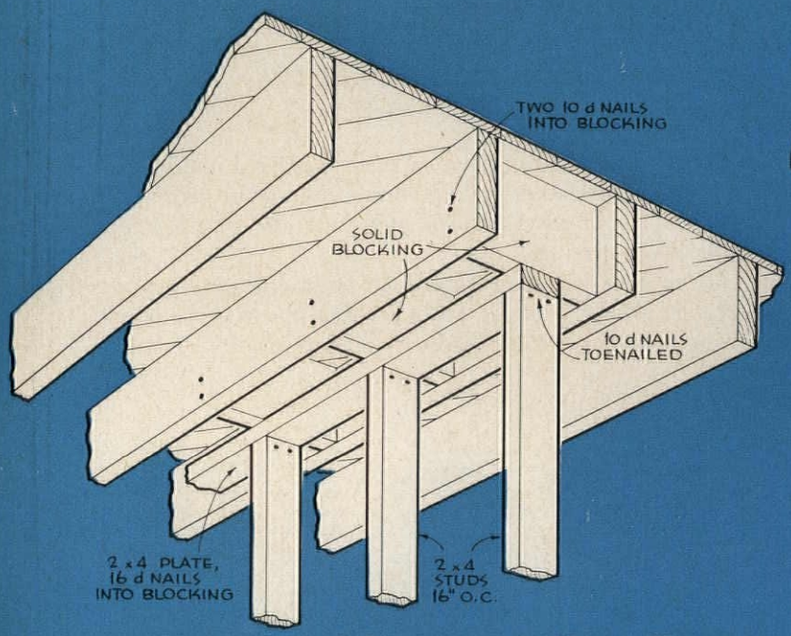


***Wood furring** must be applied to masonry wall before any kind of wallboard or wall covering is installed.*

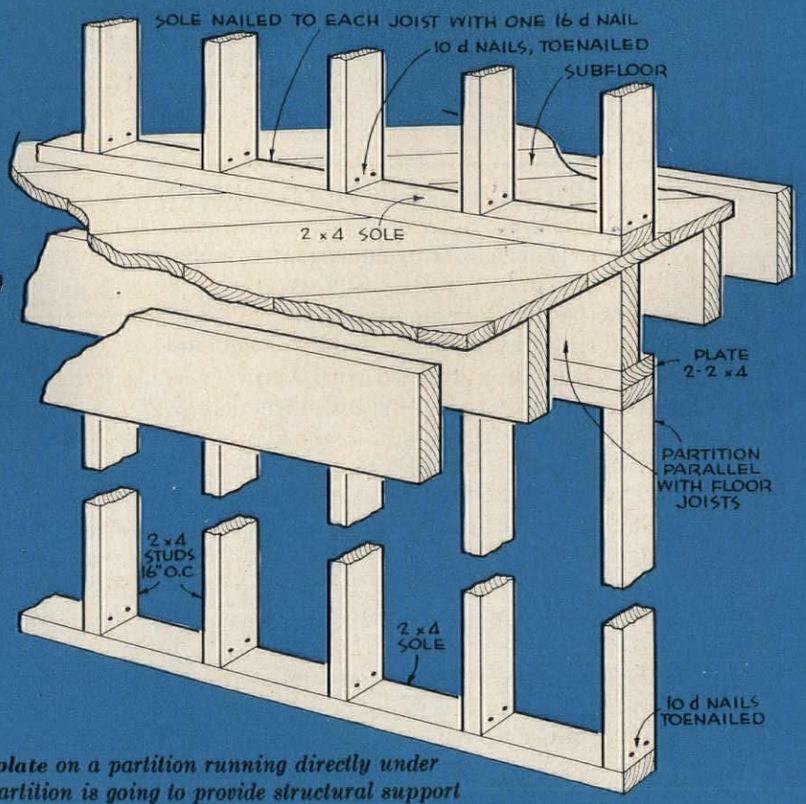
***Dropped ceiling** is necessary to cover pipes and ducts which run across basement ceiling below joists. Ceiling tile or wallboard is attached to framework.*



(continued)



***Blocking,** spaced 16 inches on center, provides a nailing base for the plate of a partition running between, but in the same direction as the joists.*

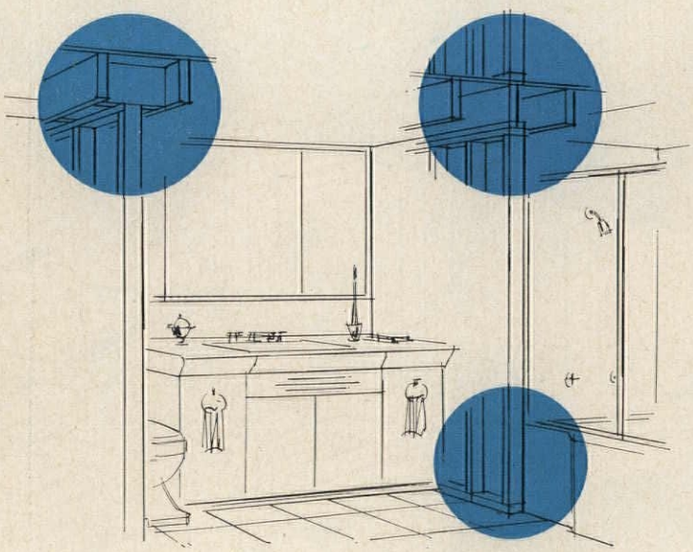


***Double the plate** on a partition running directly under joists if the partition is going to provide structural support to the floor or help carry the weight of a partition wall.*

FULL-LENGTH PARTITIONS

PLACING A PARTITION

When choosing the exact location for a full-length partition, bear in mind the difficulties involved with tying it into the ceiling. Depending on the relationship of the partition to the ceiling joists, you may be able to just nail the partition plate to the joists through the existing ceiling material, or you may have to remove part of the ceiling material to provide additional supports for nailing.



***Interior partitions** must be solidly connected at both top and bottom to prevent any movement of the wall. Use masonry anchors to connect sole to concrete floors.*

If the partition runs at right angles to the joists, you will have no particular problem in tying the top of it to the ceiling. Even if the ceiling has a finish of wallboard or plaster, you can spike the top plate directly into the joists without any great damage.

If the partition runs parallel directly beneath the joists, spike the plate right to the bottom of the joist. If this is to be a load-bearing partition (supporting the joists), you will need to make the top plate out of two 2x4's.

If the partition runs between the joists, you will have to remove enough of the ceiling material so that blocking can be nailed between the joists. You then nail the top plate of the partition to the blocking.

LOAD-BEARING AND NON-LOAD-BEARING PARTITIONS

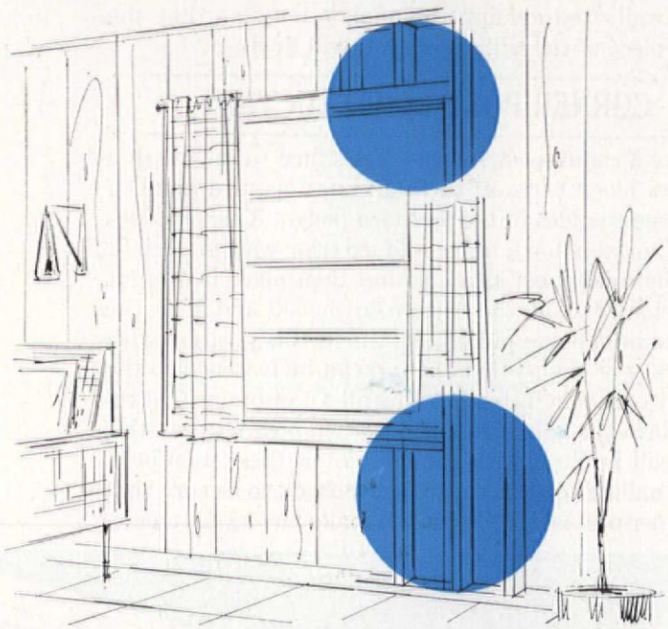
If you plan to cut an opening in, or remove entirely an existing partition, you'll have to find out if it's load-bearing or non-load-bearing.

A load-bearing partition provides structural support to the floor or ceiling above it. These partitions usually run at right angles to the joists in the floor or ceiling above and they are near the center of the joist span. Occasionally, a load-bearing partition will run in the same direction as the joists if there is a partition directly above it or if there is some other need for added support. It is best to get professional advice before making any changes in this type of partition. If changes are made, it is usually necessary to install a heavy wood or steel lintel to provide added support.

A non-load-bearing partition carries no weight other than itself. It may run with, or at right angles to, the joists. Since it is not required for support, it can be removed without harm.

ASSEMBLING WALL PANELS

Assemble wall panels on the floor in sections and then set them into position. You can use this method for both exterior walls and interior partitions. This type of construction has several advantages over erecting the wall piece by piece. It's easier to do the nailing while the panel is on the ground or floor than having to do some while standing on a ladder. It also saves a lot of time when you are doing the work alone. There is no need to keep running up a ladder to tie in the top of the studs and then down to toenail in the bottoms.



***Panel construction** requires doubling up of lintels and side pieces of all openings. Studding should also be doubled where panels join. Plan openings to fall in center of panel.*

The first step is to cut all the studding to the correct length. You can get maximum accuracy if the studds are set in a line with the ends even. Mark them and cut all at the same time.

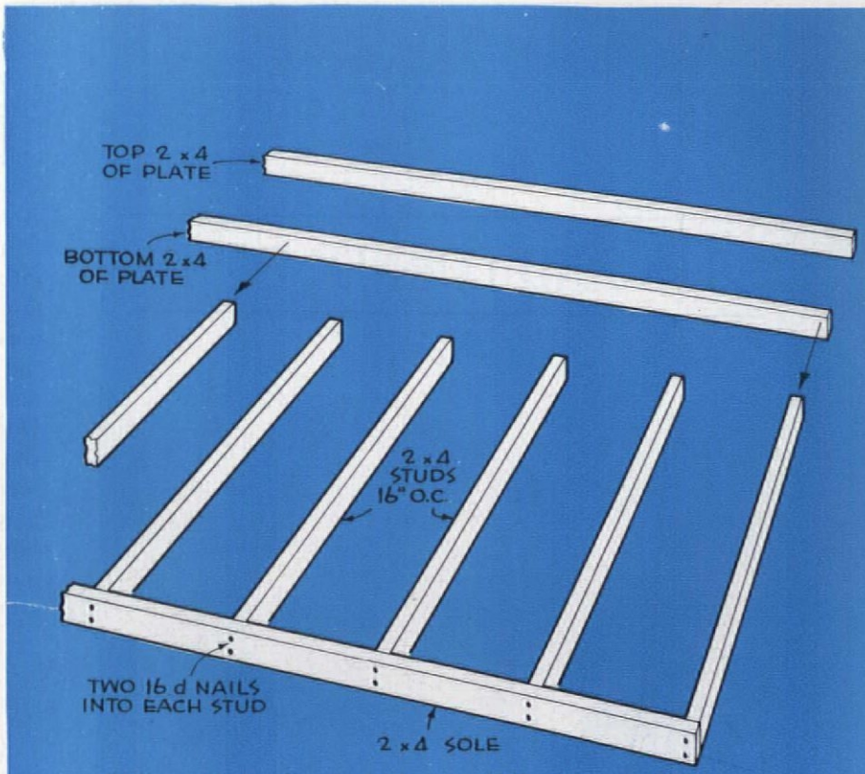
Set the sole and the bottom member of the top plate alongside each other so that the location of each piece of studding can be marked on both pieces at the same time. This will insure getting each piece of studding plumb. Move the plate and sole apart and insert the studding. Note that nails are facenailed through the sole and bottom member of top plate rather than being toenailed through the studding into the plates.

When a panel is complete, use a square to insure that the corners are square and then tack a 1x3 diagonally across the panel to hold it plumb while it is being erected. After all the panels and corner posts are in place, install the top piece of the plate. The top member of the plate of each section should be at least 2′ longer than the lower member so joints will not coincide.

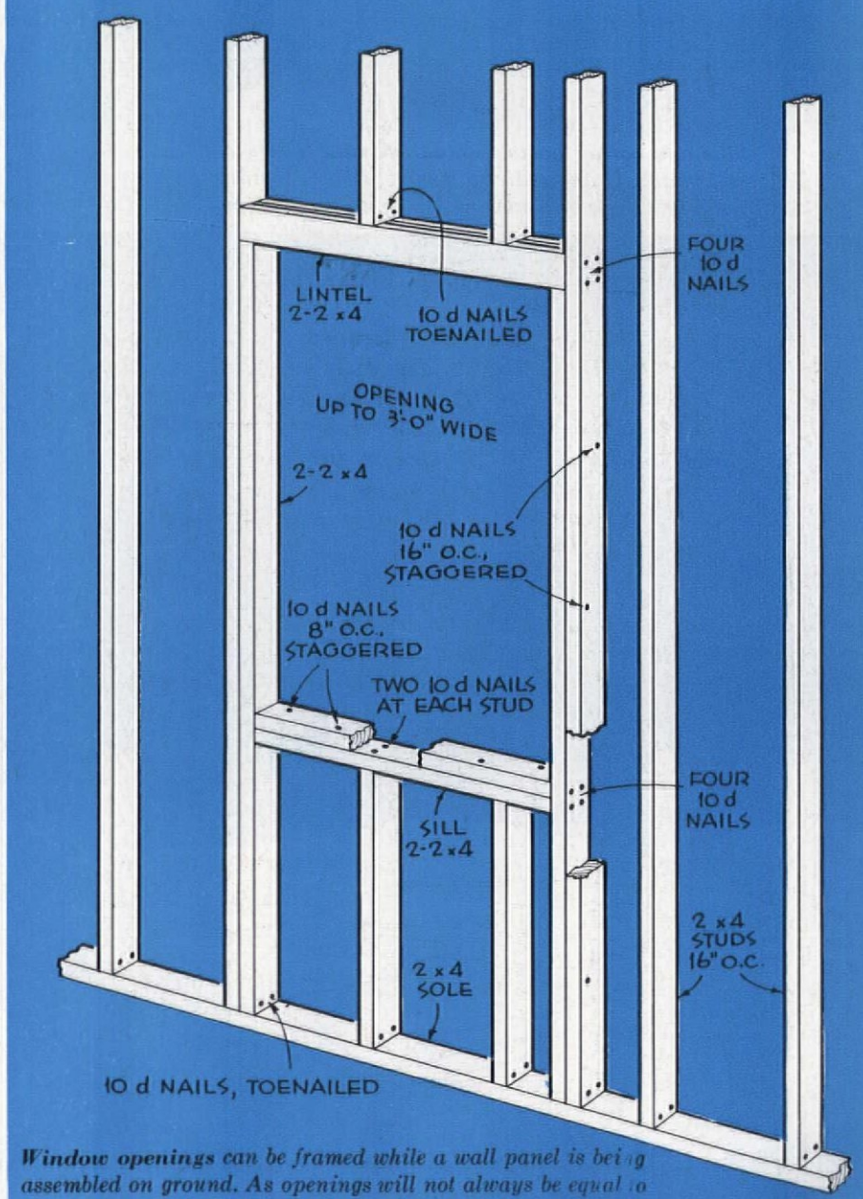
The size panel that can be assembled on the ground will depend on the number of persons available to raise it into place. One man can handle a panel 8′ long without much trouble. Two men can handle a 16′ panel.

Door and window openings can be made as the panel is assembled on the floor. In making an opening for a door, the bottom of the sole should be left intact until the panel is in place.

(continued)



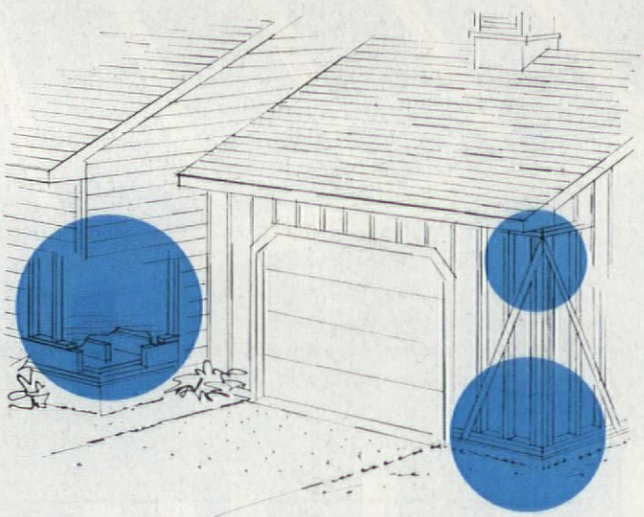
***Wall panels** can be completely assembled on the ground or floor, with the exception of the top member of the plate, and then tilted into place and secured when plumb.*



***Window openings** can be framed while a wall panel is being assembled on ground. As openings will not always be equal to standard stud spacing, use intermediate studs where necessary*

(continued)

SILLS AND CORNER POSTS



***Sills and corner posts** of buildings must be level and plumb. If an existing sill is not level to begin with, put a thin layer of mortar on top or use wood shims.*

SILL CONSTRUCTION

If there's to be a wood floor on the structure you're building, use the sill construction shown in the bottom left illustration. You can use this on a concrete slab, or a foundation of poured concrete or masonry block. In new work, set anchor bolts in the fresh concrete or into the voids in the block which have been filled with mortar. In old work, drill holes in the masonry and use masonry anchors and lag screws to secure the sill to the foundation wall. The sill should be set ¾" from the outside edge of the foundation wall.

Once the sill is in place and has been anchored, install the header and the end joists, and finally the intermediate joists. If you plan a concrete slab rather than a wood floor, use the sill construction shown at the bottom right. This consists of a 2x4 bolted to the foundation wall. Countersink the anchor bolts so that the second piece of the sill, also a 2x4, will fit flush.

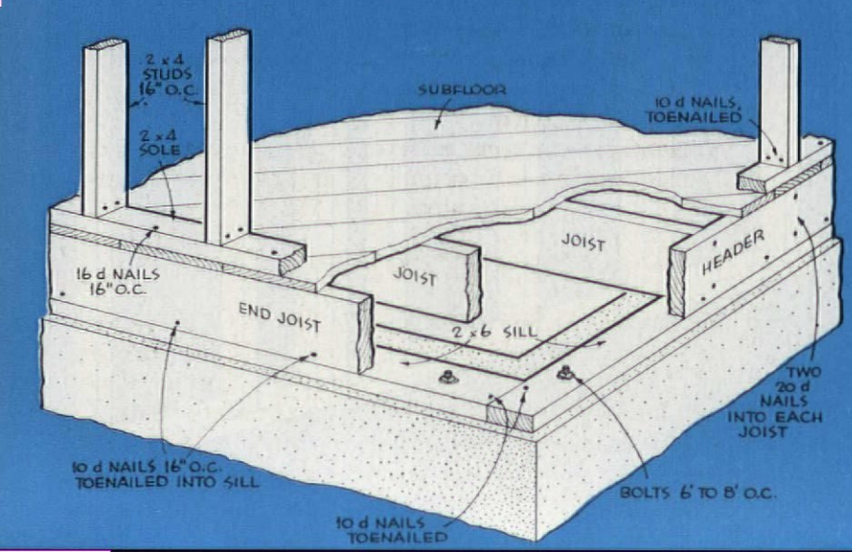
CORNER-POST CONSTRUCTION

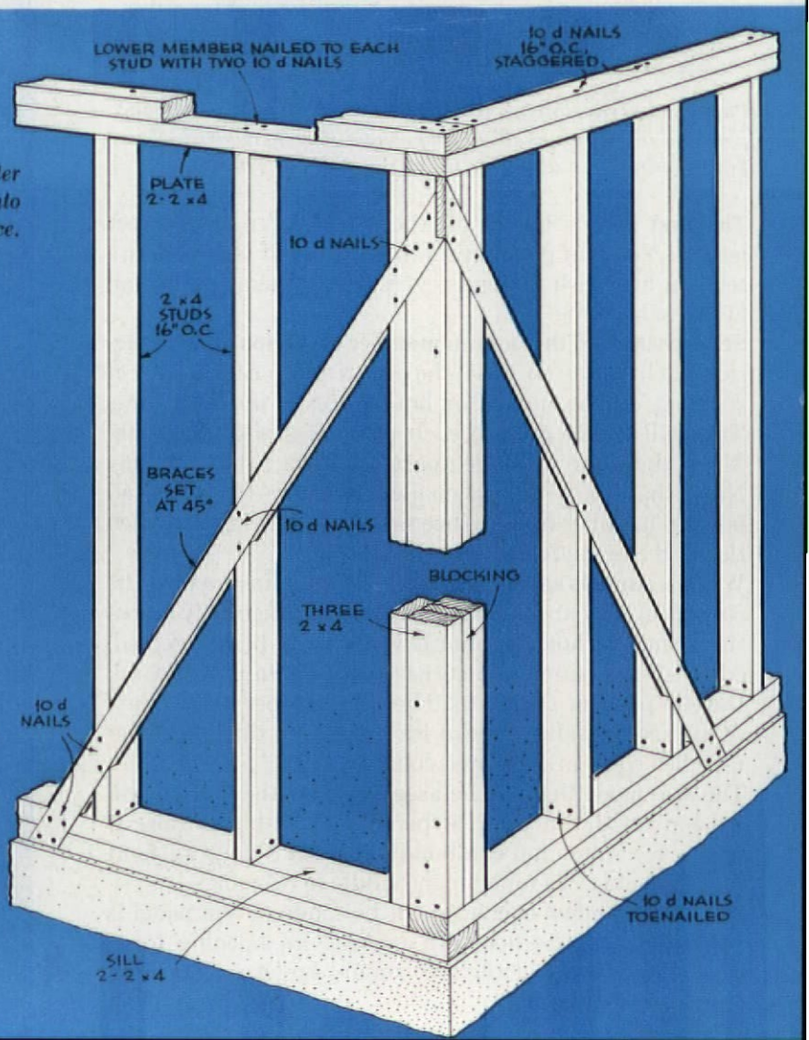
To make a corner post, set two 2x4's face to face with a 1x4 filler block between them and nail a third piece of 2x4 at right angles to the first two pieces. This provides nailing surfaces for interior and exterior wall materials.

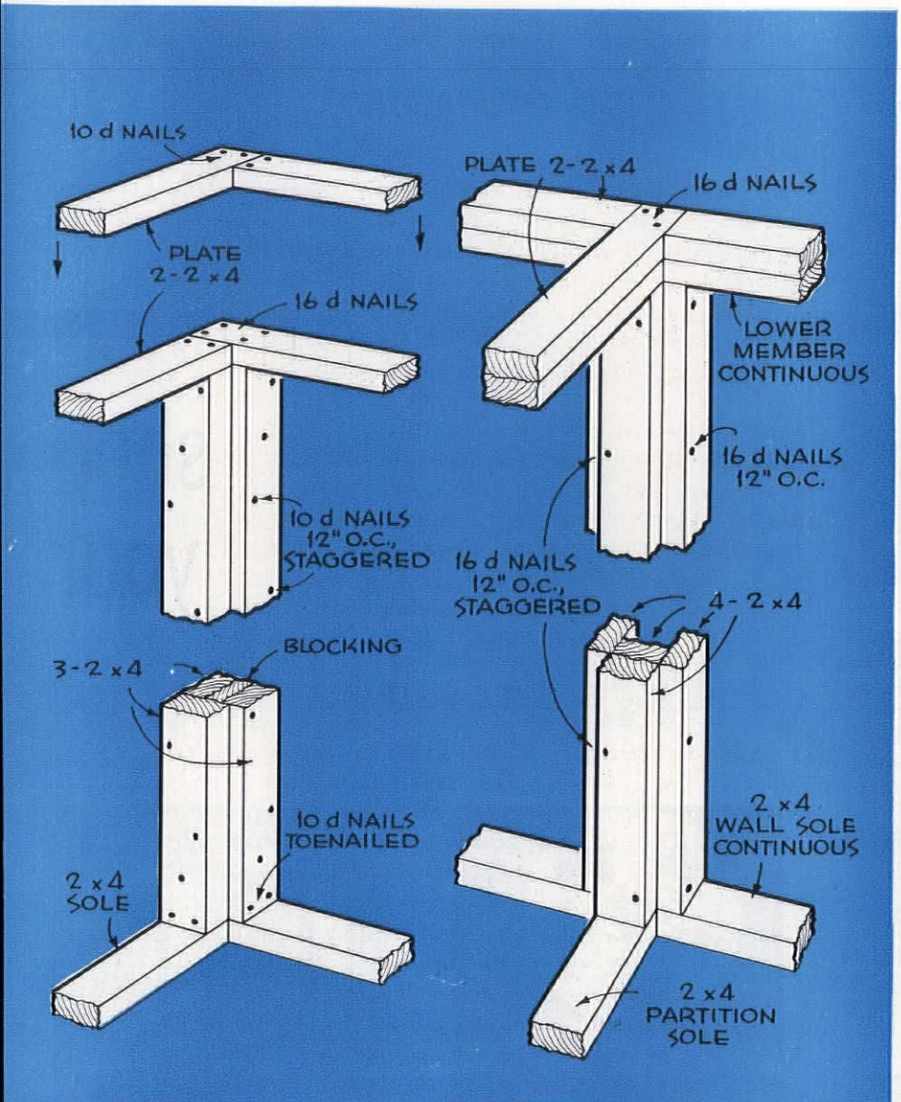
Build the corner post as a unit and then place it upright in position. Toenail the bottom to the sill and after the post has been made plumb, hold it in this position with temporary braces so that the top can be fastened to the top plate. The final step is to install a 1x4 brace. Cut recesses into the sill, studs, and corner post so that this brace will be flush with the outside of these members. Before nailing the brace into place, check to be sure that the corner post is still plumb and make any adjustments.

***Corner posts** should always be braced after they have been made plumb in all directions. A 1x4 set into recessed cuts in framework makes an ideal brace.*

***Sills should be set** so that the outside edge comes ¾" from the outside edge of the foundation wall or slab. This allows ¾" sheathing to be applied.*







CORNER-POST-CONSTRUCTION DETAIL

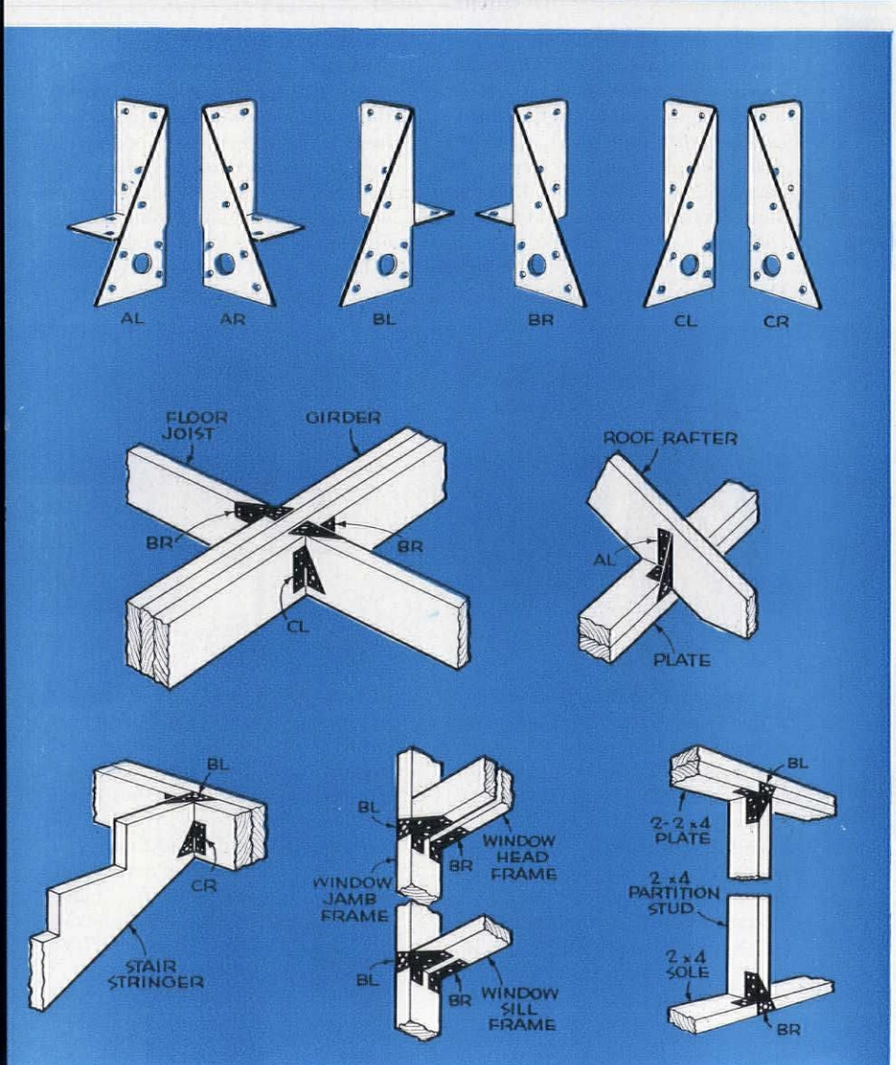
The sketch at the left shows the construction, size of lumber, and location of nails for a typical corner post; also, how the top of the post is connected to the top plates. The top plates should consist of double 2x4's. The bottom pieces of the two wall plates are joined with a butt joint. The arrangement of this joint is reversed for the top pieces of the plates to provide maximum strength at the corner. Because the sill is anchored to the foundation wall, it provides ample strength in itself and the bottom of the post is toenailed into place.

PARTITION-WALL CONNECTIONS

The sketch at the right shows method used to tie partition into wall if you're doing all-new work. Note that the lower member of the wall plate is continuous while the upper member is cut out to allow the top member of the partition to be run continuously. This provides maximum strength. Four pieces of 2x4 studding are used to make the connection. This is necessary to provide a nailing base for the four interior wall surfaces that will come at this juncture.

If you are putting a partition in an existing room, the general rule is to nail a 2x4 through the old wall surface into the studding. If the plate of this partition can be tied into the ceiling joists, the partition will be solid enough for all average uses.

ANCHORS AND LUMBER



METAL FRAMING ANCHORS

Take the guesswork and difficulty out of framing by using metal framing anchors. These devices can be used for almost any kind of framing joint that is likely to occur. The plates come with predrilled holes made for nails. They produce a stronger joint than can be made by nailing the two members together.

Framing anchors are not expensive but they are more costly than nails alone. They are worth the extra money, though, because they produce a foolproof joint. In areas of high winds, anchors are often used to help tie the roof framework to the walls, and the walls to the sill.

The strength of any joint in framing depends on using the correct number of nails. The amateur carpenter is often inclined to use too many nails. This splits the wood and makes a weak joint. On the other hand, many professional carpenters may be guilty of using too few nails in an effort to save time. This also produces a weak joint. Metal framing anchors are designed with just the right number of nailing holes to insure that each joint is properly fastened.

Framing anchors come in several different shapes to fit the needs of the more common framing problems. They also come for left and right applications.

GRADE AND TYPE OF LUMBER

When choosing lumber for framing, be sure to get grade #2 or better. Most framing lumber is cut from Douglas fir, Southern pine, and Western hemlock. Framing lumber shouldn't contain more than 19 per cent moisture. If lumber appears green or moist, stack it indoors for a time so air will circulate around each piece. THE END



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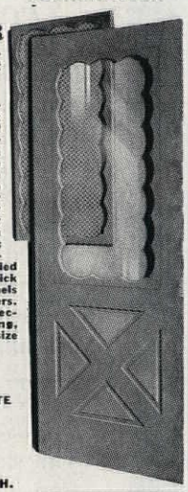
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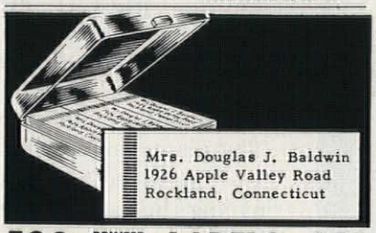
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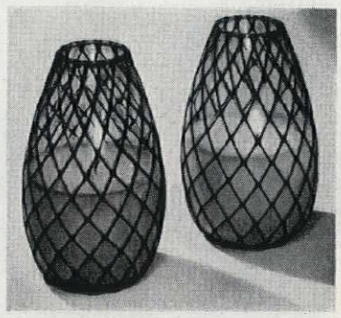
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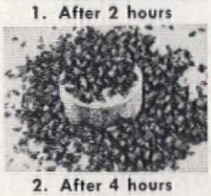
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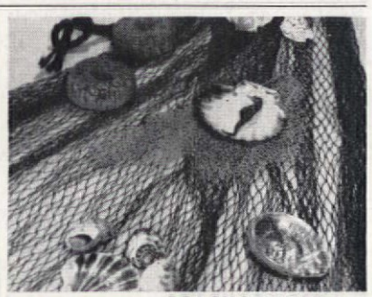
BUYING ART FOR THE HOME is published by the nation's strongest organization of artist-painters, America's Artists in Particular. It is profusely illustrated (including many full-color pages) and clearly written. It tells you how you can shop the nation, from your living room, for original paintings in the style, and price range you prefer.

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National Headquarters, Department A-1

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2 bu. cap. $14.95
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6-10-15-20 bu. sizes available.

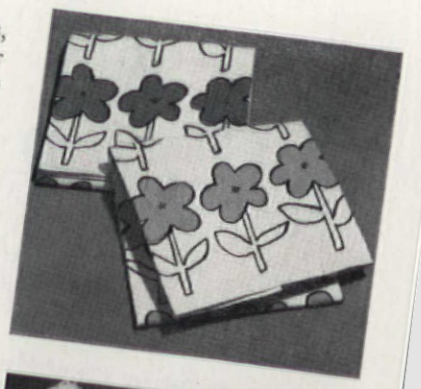
ALSTO CO., Dept. AH-7, 4007 Detroit Ave., Cleveland 13, Ohio



WHITE FROST—magically feminine hand-carved mother-of-pearl from Sorrento Italy. Delicate iridescent petals are lovely. Wear it thru autumn. Necklace. $3.85; earrings, $1.50; bracelet, $2.20. Set, $6.95 ppd. *Moneyback guar.*

ALPINE IMPORTS, Dept. A, 220 5th Ave., N.Y. 1

SPRINKLE WITH FLOWER towels, and your kitchen will grow prettier through the year. Rows of crisp posies bloom all over lovely, natural linen tea towels, hand-screened in colors that would amaze your garden: turquoise, olive, golden yellow, or vivid red. Very dashing, to spark a bride's kitchen! $1.25 ea. Spectrum Unlimited, AH-1, 236 W. 10th St., New York 11, N.Y.



ALL CLEAR plastic bags at last come in dispenser rolls just as your other kitchen wonders do, to tear off as you need them. Each bag is sealed at the bottom, ready to use for sandwiches, vegetables, your button collection, or just-ironed shirts. Two handy sizes: 6x6″ are 100 for $1.13; 10x15″ are 50 for $1.13. Bancroft's, Dept. AH766, 2170 So. Canalport, Chicago 8, Ill.



SILVER SIPPERS TO DANCE IN tall glasses are slim and graceful in sterling silver. Their daintily pointed leaves will pick up that elusive bit of fruit at the bottom of a cool drink or an ice cream soda, and a frosty iced tea or lemonade will be good to the last drop. Lovely to give to a hostess, especially if you're the hostess! Set of four, $6.95. The Krebs, Dept. AH-7, Westerly, R.I.



A CHANGE OF FACE calls for some color-scheming, so a make-up artist should have her colors right at hand in a lipstick palette. To brighten up her dressing table with its rich, low-luster bronze finish and modeled flowers, the palette will hold seven pet lipsticks. Center well takes lip brush, mascara, eye shadow, etc. $2.25. Western Classics, Box 4035-ALP, Tucson, Ariz.

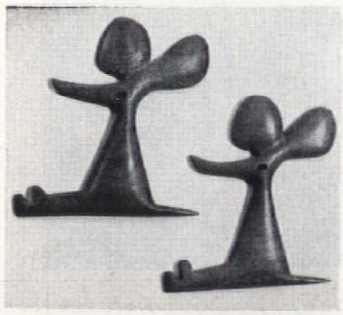


SEE HERE, in clear plastic drawers, a raft of elusive little items. Dandy for your desk, bureau, or sewing niche, a See-Thru cabinet could also stash Mr. Fixit's whole collection of drill bits, screws, washers, nuts, and bolts. In a metal frame, 4 drawers are slotted for labels and dividers. 6x6x5½″. $1.89 each, 3 for $4.98. Sunset House, 71 Sunset Bldg., Beverly Hills, Calif.

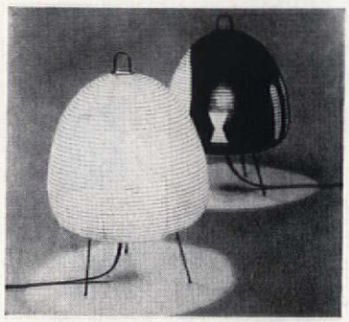


MORE BOUNCE TO THE OUNCE has the youngsters jumpin' for joy and healthy exercise. Big Boy Trampler has an extra-strong canvas duck bed on a galvanized steel pipe frame, is great sport for jumpers up to 150 lbs. Tension adjusts for high or low bounce, according to ability. Unscrew legs for storage. 8′x5′4″. $65. Porta-Products Co., Dept. AH, Box 7041, Dallas 9, Tex.





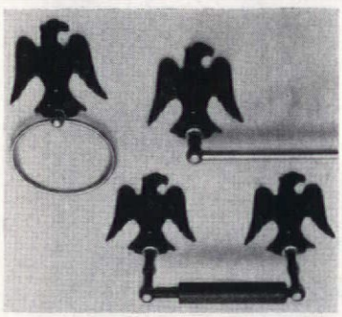
MOUSEHOLD PETS will be the whole cheese, decoratively speaking, hung on the wall of the family room or a country kitchen. From Haiti, beady-eyed mice are hand carved in taverneau and hand finished. Their whimsical styling will charm even His Nibs, the cat. Nomar wax adhesive makes hanging easy. Ea. 5⅜″ high. The pair, $2.98. Hobi, Dept. AH-5, Flushing 52, N.Y.



LIGHT IN THE EAST-ern manner does wonders for a dim corner, indoors or on the patio. Noguchi's design, *Akari Jr.*, shows all his feeling for form and texture. The rice-paper shade is accordion-pleated, stretches taut over black lacquered metal fittings. The shade comes in white, black and white, yellow and white. 16″ tall. $4.95. Patio Sales, Box 25-AH, Highland Park, Ill.



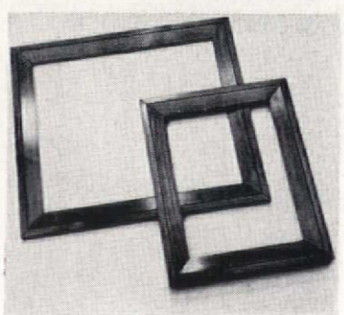
PUT SALT IN THE SANDWICH glass salt dips, and forget about cloggy shakers. Cape Cod Sandwich crystal dips look cozily at home for supper, or take on an elegant air for formal service with your best china. So when the corn-on-the-cob is passed—take it with a pinch of salt. The set of four, $2.75. Sturbridge Yankee Workshop, 1 Brimfield Turnpike, Sturbridge, Mass.



CAST IN SUPPORTING ROLES, these handsome eagles are cast in aluminum to give outstanding performances. With a satin black finish to strike a bold contrast with pale bathroom walls, eagles are 4¼″ high. They support brass-plated towel holders: a 16″ bar, $3.98; and a 4″ ring, $1.75. Wooden tissue roller is $3.98. From Medford Products, Box 39-AH, Bethpage, N.Y.



ASK AN OLD SALT plaque to season the walls of a pine-paneled playroom. Or set him on watch, keeping the decks clear of cigarette ashes. Of cast aluminum with an antique white finish, the weathered features of a seafarer are modeled in relief. It measures 5½x4½″, to finish up a nautical scheme in good taste. $1.75 from Old Guilford Forge, Dept. AH, Guilford, Conn.



FITTING AND PROPER framing makes a pretty picture. Smoothly styled, 2″ wide x ¾″, unfinished pine frames assemble easily with clamp nails provided. Grooved for your glass. Order stock lengths—2 same length as picture, and 2 same width: 6, 7, 8, 9, 10, 11, 12″; 14, 16, 18, 20, 22, 24, 28″. Cost: distance around picture x 5c per in. Yield House, Dept. A7, No. Conway, N.H.

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Send $1.00 for 15 pictures, 10 wall covering samples and instructions for building tropica rooms. We carry a complete line of all sizes bamboo and accessories.

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Outdoor TAHITIAN TORCH

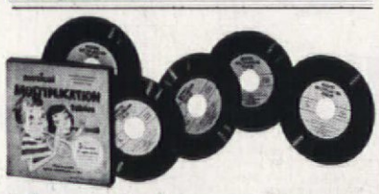
$2.98 Each 2/$5.75 plus 35¢ shipping per order

Be dramatic! Light up your lawn with these kerosene torches. Ideal for evening picnics and barbecues around the patio. Repels bugs, too. Amber flame flares from the 6″ polished aluminum Torch Head, mounted on 6-ft. black oak pole which stakes easily into the lawn. **Satisfaction guaranteed.**



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Get these new *Musical Multiplication Records*—and see his marks in arithmetic go up, *quickly!* All the Multiplication Tables from 2's through 12's have been *set to music* on 5 records. Each table has its own catchy tune and musical quiz. Children love to play them. Used in thousands of schools. Parents and teachers report wonderful results. Write for free folder today. Send name to—**Bremner Records, Dept. Z-4, Wilmette, Illinois.**

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Just plug in—forget about bugs!



New scientific Bug-Killer is guaranteed to kill flies, fleas, moths, ants, roaches, mosquitoes, spiders, silverfish, gnats, etc. Insect does not have to come in contact with unit. Safety approved for use near children, food or pets. Kills fleas on dogs & cats! Used by hotels, hospitals, restaurants, farms. Clean and odorless. 5-yr. guarantee. One unit sufficient for average home.

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KEMIKO Permanent Concrete Stains
—EASY-TO-APPLY, TRULY PERMANENT!

Bring drab concrete areas to life with eight Grand Canyon colors. Use in solid, two-tone or flagstone effects—indoors or out—and be the envy of your neighbors! **FREE** four-color booklet tells where to buy! Write **ROHLOFF & COMPANY** Dept. AH-92
918 N. Western Avenue, Hollywood 29, California

JULY...
Your American Home Calendar

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						



When your little boy flies out of bed two hours earlier than you could pull him out all winter . . . When the Sandpile Set gathers to build its daily quota of mountains and tunnels and sun-baked sugar cookies . . . When the sprinklers whirl, the lawn mowers putt-putt, and the ice-cream man rings his magic Pied Piper's bell . . . When the nights are sweet and the charcoal smoke swirls from the barbecue, and the darkness is punctuated with the golden lanterns of fireflies . . . When Old Glory waves in the breeze and sparklers and the breath-taking burst of skyrockets give you a tingling feeling down your spine . . . When Dad trades his business suit for a pair of rumpled shorts and loads up the car for the family vacation, and Mom's all set in her smart Bermudas and pixie sunglasses . . . Then it's JULY! The livin' may not be easy, but it sure is wonderful!

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Add excitement ...add Tabasco®!

(The seasoning that sings)

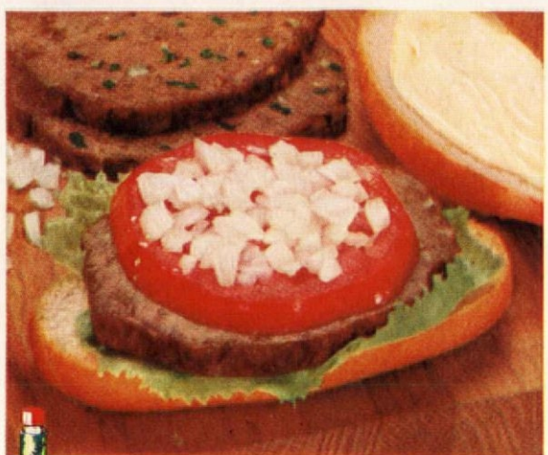


The unique Tabasco flavor begins when we take this pepper . . . The proud strain that the McIlhenny family has watched over for more than a century . . . Press it tenderly, keeping all the essential flavorful oils . . . Mellow it for years like fine wine in oaken casks . . . And finally put it in this famous bottle. Then this liquid pepper seasoning is ready to spread singing flavor through all your favorite foods. See . . .



MONDAY—SALAD DRESSING MAGIC

Nothing could be simpler, yet nothing could be more effective in giving extra zest to salad dressings. Just add ¼ teaspoon TABASCO to ½ cup dressing. Watch appetites perk up!



TUESDAY—CHILLED TABASCO MEAT LOAF

New idea! Bake in the cool of the morning, serve chilled and sliced—or diced in a man-size main-dish salad. TABASCO gives life to this homey favorite. It's in the TABASCO recipe booklet.†



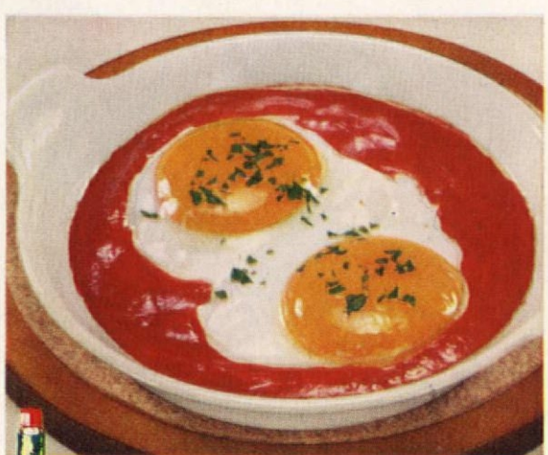
WEDNESDAY—SHRIMP AND TOMATO ASPIC

Another cool main dish, light but nourishing—and TABASCO makes it tempting enough for even the hottest day. Lots of protein in the shrimp and gelatine—and lots of enjoyment.



THURSDAY—MARINADE FOR MEATS

Perfect for shish kebab! Combine 1 cup each vinegar and salad oil, a bit of minced onions and garlic, 2 teaspoons each salt and dry mustard, ½ teaspoon nutmeg and 1 teaspoon TABASCO. Really out of the ordinary!



FRIDAY—SHIRRED EGGS

Easy but rather fancy, good for family or company. Pick your favorite from the three variations in the TABASCO recipe booklet†. In each case, your eggs are done just right in butter seasoned with TABASCO.



SATURDAY—STEAK TABASCO

Broil it outdoors or in, TABASCO makes the finest steak even more flavorful. The trick is simplicity itself — just rub the steak with TABASCO and salt before cooking.

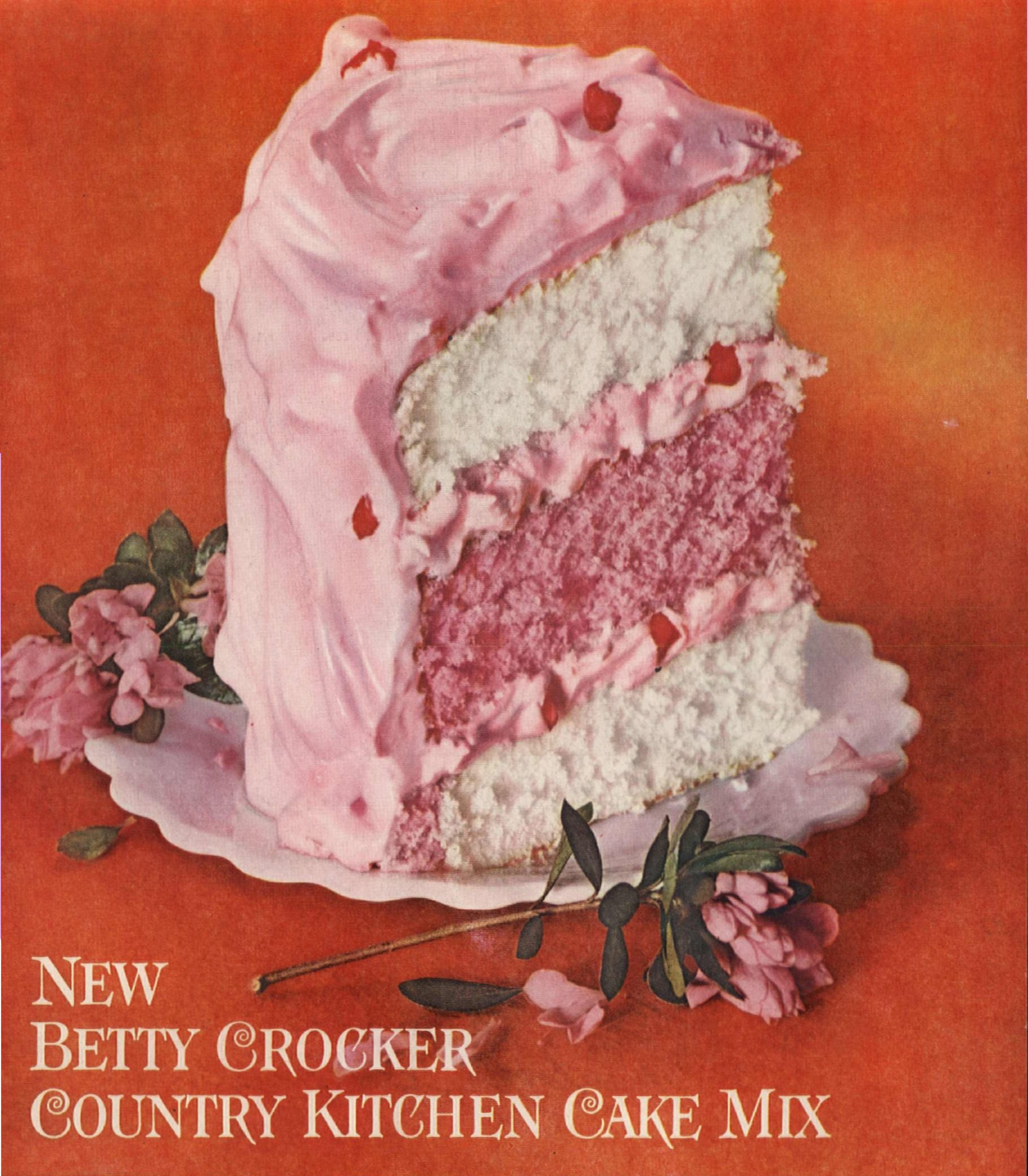
SUNDAY... Have a family celebration at your favorite restaurant ... reward for *your* fine meals.

40-PAGE BOOKLET—dozens of exciting recipes. Send inside flap from Tabasco carton or 10c to Tabasco, Dept. AH-7, Avery Island, La. Tabasco*—The liquid pepper seasoning. "Tabasco" is also available in Canada.

Tabasco*... *the liquid pepper seasoning*

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